


```

248 PPAPRLPQDPCGDCAPPAPGLPDPDCGSCNCAAPPDAVRAAA
278
...
-----
1 match found in sequence:
US-08-103-739B-2 ; Sequence 2, Application US/08103739B
(from "/srch/iaa/5A-COMB.pep")
Sequence 2, Application US/08103739B
Patent No. 5478369
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, Marc C.
APPLICANT: BEACH, Larry R.
APPLICANT: HOWARD, John A.
APPLICANT: HUFFMAN, Gary A.
TITLE OF INVENTION: DNA Sequences Mediating Male Fertility
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer Hi-Bred International, Inc.
STREET: 700 Capital Square, 400 Locust Street
City: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/103.739B
FILING DATE: 02-AUG-1993
CLASSIFICATION: 8C0
PRIOR APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)
...
420 EDXPXMLFCCLLCVRLXMSNAVTCNLCVWQIGILMR
430
...
-----
1 match found in sequence:
US-08-056-051-2 ; Sequence 2, Application US/08056051
(from "/srch/iaa/5A-COMB.pep")
Sequence 2, Application US/08056051
Patent No. 5516683
GENERAL INFORMATION:
APPLICANT: Grandy, David K
APPLICANT: Bunzow, James R
APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.-M.
TITLE OF INVENTION: A No. 5516683el Human Dopamine Receptor and Uses

```

```

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegratti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,051
FILING DATE: 19930429
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5516683nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...
248 PPAPRLPQDPCGDCAPPAPGLPDPDCGSCNCAAPPDAVRAAA
258
...
-----
3 matches found in sequence:
US-08-056-051-4 ; Sequence 4, Application US/08056051
(from "/srch/iaa/5A-COMB.pep")
Sequence 4, Application US/08056051
Patent No. 5516683
GENERAL INFORMATION:
APPLICANT: Grandy, David K
APPLICANT: Bunzow, James R
APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.-M.
TITLE OF INVENTION: A No. 5516683el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegratti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,051
FILING DATE: 19930429
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5516683nan, Kevin E
REGISTRATION NUMBER: 35,303

```

```
REFERENCE/DOCKET NUMBER: 90,1092-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...

248 PPAPRLQDPCGDCAPPAPGLPRGCGPCDCAAPAPSLPQDPCGDCAPPAPGLPDPGCG
258 278 290 294
308 SNCAPPDVAVRAA
310

-----
6 matches found in sequence:
US-08-056-051-6 ; Sequence 6, Application US/08056051
(from "/srch/iaa/5A.COMB.pep")
Sequence 6, Application US/08056051
Patent No. 5516683
GENERAL INFORMATION:
APPLICANT: Grandy, David K
APPLICANT: Bunzow, James R
APPLICANT: Civeilli, Olivier
APPLICANT: Van Tol, Hubert H.-M.
TITLE OF INVENTION: A No. 5516683el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,051
FILING DATE: 19930429
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5516683nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...

```

```
248 PPAPRLQDPCGDCAPPAPGLPRGCGPCDCAAPAPGLPDPGCGPCDCAAPPAPGLPDPGCG
258 278 290 294 306
308 PDCAPPAPGLPRGCGDCAPPAPGLPQDPCGDCAPPAPGLPDPGCGSNCAPPDVAVRAA
310 322 326 338 342 358
368 A
...

-----
1 match found in sequence:
US-08-336-709A-9 ; Sequence 9, Application US/08336708A
(from "/srch/iaa/5A.COMB.pep")
Sequence 9, Application US/08336708A
Patent No. 5521295
GENERAL INFORMATION:
APPLICANT: Pacifici, Robert E.
APPLICANT: Thomason, Arlen R.
APPLICANT: Crang, Ming-Shi
TITLE OF INVENTION: Hybrid Receptor Molecules
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehaven and Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,709A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oleski, Nancy
REFERENCE/DOCKET NUMBER: A-241A
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 644 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...

281 PEGKYSFGATCVKKCPKNYVYVDHGSCVRCAGDADSYEVED
291 311
...

-----
1 match found in sequence:
US-C7-928-611-9 ; Sequence 9, Application US/07928611
(from "/srch/iaa/5A.COMB.pep")
Sequence 9, Application US/07928611
Patent No. 5569601
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.

```

APPLICANT: Civelli, Olivier
TITLE OF INVENTION: A No. 5569601nan Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/928,611
FILING DATE: 19920810
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5569601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAPGLPDPGSCNAPDAVRAAA 125 145 157 161
-----|-----|-----|-----|

175 SNCAPPDAVRAAA 177

6 matches found in sequence:
US-07-928-611-13; Sequence 13, Application US/079286-1
(from "/srch/iaa/5A.COMB.pep")
Sequence 13, Application US/079286-1
Patent No. 5569601
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civelli, Olivier
TITLE OF INVENTION: A No. 5569601nan Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/928,611
FILING DATE: 19920810
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5569601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 267 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

REFERENCE/DOCKET NUMBER: 90,1092-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAPGLPDPGSCNAPDAVRAAA 125 145 157 161
-----|-----|-----|-----|

175 SNCAPPDAVRAAA 177

6 matches found in sequence:
US-07-928-611-13; Sequence 13, Application US/079286-1
(from "/srch/iaa/5A.COMB.pep")
Sequence 13, Application US/079286-1
Patent No. 5569601
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civelli, Olivier
TITLE OF INVENTION: A No. 5569601nan Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/928,611
FILING DATE: 19920810
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5569601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 267 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQPCGDCAPPAFGLPRGCGDCAPPAFGLPPDCGDCAPPAFGLPQDPDCG
125 145 157 161 173

175 PDCAPAFGLPRGCGDCAPPAFGLPQPCGDCAPPAFGLPDPFCGSCNCAFPDAVRAA
177 189 193 205 209 225

235 A

1 match found in sequence:
US-07-928-611-18 ; Sequence 18, Application US/0792861:
(from "/srch/iaa/5A.COMB.pep")
Sequence 18, Application US/0792861:
Patent No. 5569601

GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civelletti, Olivier
TITLE OF INVENTION: A No. 5569601el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07928,611
FILING DATE: 19920810
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: No. 5569601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

248 PPAPRLPQPCGDCAPPAFGLPRGCGDCAPPAFGLPDPFCGSCNCAFPDAVRAA
258 278

3 matches found in sequence:
US-07-928-611-20 ; Sequence 20, Application US/0792861:
(from "/srch/iaa/5A.COMB.pep")
Sequence 20, Application US/0792861:
Patent No. 5569601
GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civelletti, Olivier
TITLE OF INVENTION: A No. 5569601el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07928,611
FILING DATE: 19920810
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: No. 5569601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

248 PPAPRLPQPCGDCAPPAFGLPRGCGDCAPPAFGLPQDPDCGDCAPPAFGLPDPDCG
258 278 290 294

308 SNCAPPDAVRAA
310

6 matches found in sequence:
US-07-928-611-22 ; Sequence 22, Application US/0792861:
(from "/srch/iaa/5A.COMB.pep")
Sequence 22, Application US/0792861:
Patent No. 5569601
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civelletti, Olivier
TITLE OF INVENTION: A No. 5569601el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/928,611
FILING DATE: 19920810
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 559601nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1234
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
.....
248 PPAPRLPDGCGPCAPPAGLPPDPCGSCNCAFPDAVRAA 258 278 306

1 match found in sequence:
US-08-333-977-17 ; Sequence 17, Application US/08333977
(from "/srch/iaa/5A.COMB.pep")
Sequence 17, Application US/08333977
Patent No. 5594108
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
ATTORNEY/AGENT INFORMATION:
NAME: Civelli, Olivier
TITLE OF INVENTION: A No. 5594108el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/333,977
FILING DATE: 03-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/626,618
FILING DATE: 7 DEC 1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5594108nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092
TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-715-1234
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
Found using 'cys' (new.key)
.....
248 PPAPRLPDGCGPCAPPAGLPPDPCGSCNCAFPDAVRAA 258 278

1 match found in sequence:
US-08-449-153-1 ; Sequence 1, Application US/08449153
(from "/srch/iaa/5A.COMB.pep")
Sequence 1, Application US/08449153
Patent No. 5686255
GENERAL INFORMATION:
APPLICANT: Deth, Richard C.
TITLE OF INVENTION: Compositions and Methods for Diagnosing
TITLE OF INVENTION: Schizophrenia
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,153
FILING DATE: 24-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Carroll, Alice C.
REGISTRATION NUMBER: 33,542
REFERENCE/DOCKET NUMBER: RCD95-02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
Found using 'cys' (new.key)
.....
248 PPAPRLPDGCGPCAPPAGLPPDPCGSCNCAFPDAVRAA 258 278

1 match found in sequence:

US-08-434-877-3 ; Sequence 3, Application US/08434877
(from "/srch/iaa/5A.COMB.pep")
Sequence 3, Application US/08434877
Patent No. 5721132

GENERAL INFORMATION:

APPLICANT: Chio, Christopher L.
ATTORNEY: Huff, Rita M.
TITLE OF INVENTION: A Synthetic Gene for D4 Dopamine
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Upjohn Company, Corp. Intellectual
ADDRESSEE: Property Law
STREET: 301 Henrietta Street
CITY: Kalamazoo
STATE: Michigan
COUNTRY: USA
ZIP: 49001

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette (35,HD)
COMPUTER: Gateway 2000, P5-90
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/434,877
FILING DATE: 1 July 1993
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Darnley Jr., James D.
REGISTRATION NUMBER: 33,673
REFERENCE/DOCKET NUMBER: 4700 DV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 616-385-5210
TELEFAX: 616-385-6897
TELEX: 224401

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
Found using 'cys' (new.key)

246 PPAPRLPQDPCGDCAPPAPGLPDPDCGSCNCAAPPDAVRAAA
258 278

1 match found in sequence:
US-08-467-083-68 ; Sequence 68, Application US/08467083
(from "/srch/iaa/5A.COMB.pep")
Sequence 68, Application US/08467083
Patent No. 5726023

GENERAL INFORMATION:

APPLICANT: Cheever, Martin A.
ATTORNEY: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/NEU PROTEIN
FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
SEQUENCE OF INVENTION: HER-2/NEU ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,083
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/414,417
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.446C2

TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4920
TELEFAX: (206) 682-6031
TELEX: 1723836 SEEDANBERRY
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

295 PEGRYTFGASCVTACPNVILSTDVGSCTILVCPJHNCVTAE
295 315

1 match found in sequence:

US-08-449-651-1 ; Sequence 1, Application US/08449651
(from "/srch/iaa/5A.COMB.pep")
Sequence 1, Application US/08449651
Patent No. 5738998

GENERAL INFORMATION:

APPLICANT: Deth, Richard C.
TITLE OF INVENTION: Compositions and Methods for Diagnosing
TITLE OF INVENTION: Schizophrenia
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,651
FILING DATE: 24-MAY-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Carroll, Alice G.
REGISTRATION NUMBER: 33,542
REFERENCE/DOCKET NUMBER: RCD95-02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: single

```

      TOPOLOGY: linear
      MOLECULE TYPE: peptide
      Found using 'cys' (new.key)
      ...
248  PPAPRLPQPCGPDCAAPAFGLPDPFCGSKCAPPDVRAAA
      258
      ...
      2 matches found in sequence:
      US-07-955-905A-2 ; Sequence 2, Application US/07955905A
      (from "/srch/iaa/5A_COMB.pep")
      Sequence 2, Application US/07955905A
      Patent No. 5770433
      GENERAL INFORMATION:
      APPLICANT:
      TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
      TITLE OF INVENTION: PRECURSOR
      NUMBER OF SEQUENCES: 28
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
      CURRENT APPLICATION NUMBER: US/07/955.905A
      FILING DATE: 21-JAN-1993
      CLASSIFICATION: 435
      INFORMATION FOR SEQ ID NO: 2:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 566 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      Found using 'cys' (new.key)
      ...
35  ERDPQQYCCQGRCESEATEEREQCEQRCEREYKEQQRG
      45
      ...
      2 matches found in sequence:
      US-07-955-905A-23 ; Sequence 23, Application US/07955905A
      (from "/srch/iaa/5A_COMB.pep")
      Sequence 23, Application US/07955905A
      Patent No. 5770433
      GENERAL INFORMATION:
      APPLICANT:
      TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
      TITLE OF INVENTION: PRECURSOR
      NUMBER OF SEQUENCES: 28
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
      CURRENT APPLICATION NUMBER: US/07/955.905A
      FILING DATE: 21-JAN-1993
      CLASSIFICATION: 435
      INFORMATION FOR SEQ ID NO: 23:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 587 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      ORIGINAL SOURCE:
      ORGANISM: Gossypium hirsutum
      FEATURE:
      NAME/KEY: Protein
      LOCATION: 1..587
      OTHER INFORMATION: /note= "Vicilin from G. hirsutum"
      Found using 'cys' (new.key)
      ...
34  DDDPKRYVEDCRRCEWDTRGCKEQQQCESSCKSQYCKEQDQ
      44
      ...
116  QQQSQRFQECQHQHQEQERPERKQCCVAECREYQENPWR
      ...
      CLASSIFICATION: 435
      INFORMATION FOR SEQ ID NO: 22:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 566 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      ORIGINAL SOURCE:
      ORGANISM: Theobroma cacao
      FEATURE:
      NAME/KEY: Protein
      LOCATION: 1..566
      OTHER INFORMATION: /note= "67 kD Precursor Protein"
      Found using 'cys' (new.key)
      ...
35  ERDPQQYCCQGRCESEATEEREQCEQRCEREYKEQQRG
      45
      ...
78  EELQRQYCCQGRCEQEQQQGQRCQQCCQKCKWEQYKEQERG
      88
      ...
      2 matches found in sequence:
      US-07-955-905A-23 ; Sequence 23, Application US/07955905A
      (from "/srch/iaa/5A_COMB.pep")
      Sequence 23, Application US/07955905A
      Patent No. 5770433
      GENERAL INFORMATION:
      APPLICANT:
      TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
      TITLE OF INVENTION: PRECURSOR
      NUMBER OF SEQUENCES: 28
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
      CURRENT APPLICATION NUMBER: US/07/955.905A
      FILING DATE: 21-JAN-1993
      CLASSIFICATION: 435
      INFORMATION FOR SEQ ID NO: 23:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 587 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      ORIGINAL SOURCE:
      ORGANISM: Gossypium hirsutum
      FEATURE:
      NAME/KEY: Protein
      LOCATION: 1..587
      OTHER INFORMATION: /note= "Vicilin from G. hirsutum"
      Found using 'cys' (new.key)
      ...
34  DDDPKRYVEDCRRCEWDTRGCKEQQQCESSCKSQYCKEQDQ
      44
      ...
116  QQQSQRFQECQHQHQEQERPERKQCCVAECREYQENPWR
      ...
```


FILING DATE: 31-MAR-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Shatkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 9200:0.448C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

...
285 PEGRYTFGASCVTACPYNYLSTDVGSCTLVCPHLNQEVTAE
295
315

1 match found in sequence:
US-08-484-438-7; Sequence 7, Application US/08484438
(from "/srch/iaa/5A.COMB.pep")
Sequence 7, Application US/08494438
Patent No. 5811098
GENERAL INFORMATION:
APPLICANT: plowman, Gregory D.
APPLICANT: Culouscou, Jean-Michel
APPLICANT: Shoyab, Mohammed
APPLICANT: Siegall, Clay B.
APPLICANT: Hellstr m, Irgegerd
APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,438
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,442
FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/152,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165
FILING DATE: 24-NOV-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,972
REFERENCE/DOCKET NUMBER: 5624-230
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741

1 match found in sequence:
US-07-955-905A-24; Sequence 24, Application US/07955905A
(from "/srch/iaa/5A.COMB.pep")
Sequence 24, Application US/07955905A
Patent No. 5770433
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCCA PROTEINS AND
TITLE OF INVENTION: PRECURSOR
NUMBER OF SEQUENCES: 28
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955,905A
FILING DATE: 21-JAN-1993
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Glycine max
FEATURE:
NAME/KEY: Protein
LOCATION: 1..605
OTHER INFORMATION: /note= "V-cilin from G. max"
Found using 'cys' (new.key)

...
28 WEKENPKHKLQSCNSRDSYRNQACHASCNLLKVEKEBC
38
58

1 match found in sequence:
US-08-414-417B-68; Sequence 68, Application US/08414417B
(from "/srch/iaa/5A.COMB.pep")
Sequence 68, Application US/08414417B
Patent No. 5801005
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 630C Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,417B

FILING DATE: 31-MAR-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Shatkey, Richard G.
REG-STRATON NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 9200:0.448C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

...
285 PEGRYTFGASCVTACPYNYLSTDVGSCTLVCPHLNQEVTAE
295
315

1 match found in sequence:
US-08-484-438-7 ; Sequence 7, Application US/08484438
(from "/srch/iaa/5A.COMB.pep")
Sequence 7, Application US/08494438
Patent No. 5811098
GENERAL INFORMATION:
APPLICANT: plowman, Gregory D.
APPLICANT: Culouscou, Jean-Michel
APPLICANT: Shoyab, Mohammed
APPLICANT: Siegall, Clay B.
APPLICANT: Hellstr m, Irgegerd
APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,438
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,442
FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/152,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165
FILING DATE: 24-NOV-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Wistrock, S. Leslie
REGISTRATION NUMBER: 18,972
REFERENCE/DOCKET NUMBER: 5624-230
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741

1 match found in sequence:
US-07-955-905A-24 ; Sequence 24, Application US/07955905A
(from "/srch/iaa/5A.COMB.pep")
Sequence 24, Application US/07955905A
Patent No. 5770433
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCCA PROTEINS AND
TITLE OF INVENTION: PRECURSOR
NUMBER OF SEQUENCES: 28
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955,905A
FILING DATE: 21-JAN-1993
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Glycine max
FEATURE:
NAME/KEY: Protein
LOCATION: 1..605
OTHER INFORMATION: /note= "V-cilin from G. max"
Found using 'cys' (new.key)

...
28 WEKENPKHKLQSCNSRDSYRNQACHA3CNLLKVEKEBC
38
58

1 match found in sequence:
US-08-414-417B-68 ; Sequence 68, Application US/08414417B
(from "/srch/iaa/5A.COMB.pep")
Sequence 68, Application US/08414417B
Patent No. 5801005
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 630C Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,417B

285 PEGRYTFGASCVTACPNYJSTDVGSCTLVCPJHNQEVTAE 315
-----|

```

-----
1 match found in sequence:
US-C8-474-404-2 ; Sequence 2, Application: US/08474404
      (from "arch/aa/58 COMB.pat")

```

GENERAL INFORMATION:
 APPLICANT: ALBERTSEN, Marc C.
 APPLICANT: BEACH, Larry R.
 APPLICANT: HOWARD, John A.
 APPLICANT: HUFFMAN, Gary A.
 TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:

ADDRESS: Pioneer H.-Bred International, Inc.
 STREET: 700 Capital Square, 400 Locust Street
 CITY: Des Moines
 STATE: Iowa
 COUNTRY: U.S.
 ZIP: 53309

PRIOR APPLICATION DATA: US 08/103,739
 APPLICATION NUMBER: 02-AUG-1993
 FILING DATE: 07/537,183
 PRIOR APPLICATION DATA: US 07/537,183
 APPLICATION NUMBER: 12-JUN-1990
 FILING DATE: 12-JUN-1990
 ATTORNEY/AGENT INFORMATION:

REFERENCE/DOCKET NUMBER: C125R2R23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new key)

420
EDXPXSMJFQCLLLICVRLXMSNAVTCNLCVTCWQIGIIMDR
430
450

```

-----
i match found in sequence:
US-08-486-348A-68 ; Sequence 68, Application US/08486348A
(from "/srch/iaa/5B_COMB.pep")
Sequence 68, Application US/08486348A

```

Patent No. 5946538
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DCS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,348A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.448C6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)
-----|-----
285 PEGRYTGASCVATCPYNYLS'DVGSCT'LVCPLEHQEVTAE 315
295
-----|-----
Match found in sequence:
US-08-485-845-2 ; Sequence 2, Application US/08485845
(from "/srch/iaa/5B_COMB.pep")
Sequence 2, Application US/08485845
Patent No. 5850014
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, Marc C.
APPLICANT: BEACH, Larry R.
APPLICANT: HOWARD, John A.
APPLICANT: HUFFMAN, Gary A.
TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer Hi-Bred International, Inc.
STREET: 700 Capital Square, 400 Locust Street
CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,845
FILING DATE: 02-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids

FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA: US 08/103,739
APPLICATION NUMBER: 0125R2
FILING DATE: 02-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)
-----|-----
420 EDXPXMLEFQCLICVRLXMSNAV'GCNLVCVWQIGI-MDR 450
430
-----|-----
Match found in sequence:
US-08-482-714-2 ; Sequence 2, Application US/08482714
(from "/srch/iaa/5B_COMB.pep")
Sequence 2, Application US/08482714
Patent No. 5959341
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, Marc C.
APPLICANT: BEACH, Larry R.
APPLICANT: HOWARD, John A.
APPLICANT: HUFFMAN, Gary A.
TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer Hi-Bred International, Inc.
STREET: 700 Capital Square, 400 Locust Street
CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,714
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/103,739
FILING DATE: 02-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids

```

TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

...
42C  EDXPXSLFQCLLCVRLXSNVATGNCVLVQWQIGIIMDR
      430
      |-----|
      450
...
1 match found in sequence:
US-08-625-101-2 : Sequence 2, Application US/0862510:
(from "/srch/iaa/5B.COMB.pep")
Sequence 2, Application US/0862510:
Patent No. 5869445
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: COMPOUNDS FOR ELICITING OR ENHANCING IMMUNE
REACTIVITY TO HER-2/neu PROTEIN FOR PREVENTION
TITLE OF INVENTION: OR TREATMENT OF MALIGNANCIES IN WHICH THE HER-2/neu
TITLE OF INVENTION: ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/625,101
FILING DATE: 01-APR-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.448C7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...
285  PEGRYTFGASCVTACPYNVLSVDVGSCTLVCPJHNQEVTAE
      295
      |-----|
      315
...
1 match found in sequence:
US-08-468-545B-68 : Sequence 68, Application US/08468545B
(from "/srch/iaa/5B.COMB.pep")
Sequence 68, Application US/08468545B
Patent No. 5876712
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,545B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.448C5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

...
285  PEGRYTFGASCVTACPYNVLSVDVGSCTLVCPJHNQEVTAE
      295
      |-----|
      315
...
1 match found in sequence:
US-08-356-786-2 : Sequence 2, Application US/08356786
(from "/srch/iaa/5B.COMB.pep")
Sequence 2, Application US/08356786
Patent No. 5877305
GENERAL INFORMATION:
APPLICANT: Huston, James S.
APPLICANT: Oppermann, Hermann
APPLICANT: Houston, L. L.
APPLICANT: Ring, David B.
TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer
MARKER
TITLE OF INVENTION: Marker
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibault
STREET: Exchange Place, 53 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,786
FILING DATE:
CLASSIFICATION: 424
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/831,967
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: CRP-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

285 PEGRYTFCSCVTACPYNYLSTDVSSCLVCLHNOEVTAE 295
3:5

1 match found in sequence:
US-08-487-811A-13 ; Sequence 9, Application US/08487811A
(from "/srch/1aa/5B-COMB.pep")
Sequence 9, Application US/08487811A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civeilli, Olivier
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US/08/487,811A
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5883226nat, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDCGPDCAAPPAGLPDPGSCNCAAPPDAVRAAA

3 matches found in sequence:
US-08-487-811A-13 ; Sequence 11, Application US/08487811A
(from "/srch/1aa/5B-COMB.pep")
Sequence 11, Application US/08487811A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civeilli, Olivier
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US/08/487,811A
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5883226nat, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

125 145
125 141 157 161
1.5 PPAPRLPQDCGPDCAAPPAGLPGRGCGPCAPAAAPSLFQDPCGPDCAAPPAGLPDPGCG
125 145 157 161
175 SNGAPPDAVRAAA 177
...

6 matches found in sequence:
US-08-487-811A-13 ; Sequence 13, Application US/08487811A
(from "/srch/1aa/5B-COMB.pep")
Sequence 13, Application US/08487811A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civeilli, Olivier
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US/08/487,811A
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5883226nat, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

125 145 157 161
1.5 PPAPRLPQDCGPDCAAPPAGLPGRGCGPCAPAAAPSLFQDPCGPDCAAPPAGLPDPGCG
125 145 157 161
175 SNGAPPDAVRAAA 177
...

6 matches found in sequence:
US-08-487-811A-13 ; Sequence 13, Application US/08487811A
(from "/srch/1aa/5B-COMB.pep")
Sequence 13, Application US/08487811A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civeilli, Olivier
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US/08/487,811A
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5883226nat, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDCGPDCAAPPAGLPDPGSCNCAAPPDAVRAAA

248 PPA:RLPQDPCGPDCAAPPAGLPPDFCGSNCAFPDAAVRAAA 258 278

3 batches found in sequence:
US-8-487-811A-20 ; Sequence 20, Application US/3848781A
US from "/srch/iaa/5B-COMB pep";
Sequence 20, Application US/3848781A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civeilli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:

175	PDCAPPAGLPRGCGDCAFPAPGLQDP	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
176	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
177	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
178	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
179	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
180	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
181	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
182	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
183	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
184	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
185	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
186	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
187	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
188	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
189	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
190	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
191	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
192	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
193	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
194	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
195	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
196	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
197	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
198	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
199	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA
200	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA	CGPDCAFPAPGLPPDCGSNCAPPDAVRAA

match found in sequence:
US-38-4878-81A-18 : Sequence 18, Application: US/384878-1A
(from "/src/t/aa/53 COMB.pep")
Sequence 18, Application US/3848781A
Patient No. 589326

CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 309 South Wacker Drive
 CITY: Chicago
 STATE: IL
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA.

```
248 PPAPRLPQDPCGFCGDCAPPAPGLPRGCGPCDCAPAPSLPQDPCGDCAPPARGLPDPCG
258 278 290 294
274
308 SNCAPPDVAVRAA
310
-----
6 matches found in sequence:
US-08-487-81A-22 : Sequence 22, Application US/0848781A
(from "/srch/iaa/5B.COMB.pep")
Sequence 22, Application US/0848781A
Patent No. 5883226
GENERAL INFORMATION:
APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSES: McDonnell Boehren Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,81A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 510
ATTORNEY/AGENT INFORMATION:
NAME: No. 5883226nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
-----
248 PPAPRLPQDPCGFCGDCAPPAPGLPRGCGPCDCAPAPGLPDPFCGDCAPPARGLPDPCG
258 278 290 294 306
274
308 PDCAPPAPGLPRGCGPCDCAPPAPGLPQDPCGDCAPPAPGLPDPFCGSCNCAPPDAVRAA
310 322 326 338 342 358
352 A
-----
```

```
1 match found in sequence:
US-09-146-283-4 : Sequence 4, Application US/09146283
(from "/srch/iaa/5B.COMB.pep")
Sequence 4, Application US/09146283
Patent No. 5926546
GENERAL INFORMATION:
APPLICANT: Laus, Reiner
APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, Hongyi
TITLE OF INVENTION: Immunostimulatory Compositions
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSES: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146,283
FILING DATE: 03-SEPT-1998
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0C10.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0860
TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEetical: NO
ORIGINAL SOURCE:
ORGANISM: homo sapiens
INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8
Found using 'cys' (new.key)
-----
265 PEGRYTFGAGCVTACPYNYLSTDVGSCTLVCPJHNQEWTAE
295 315
-----
1 match found in sequence:
US-08-475-035-4 : Sequence 4, Application US/08475035
(from "/srch/iaa/5B.COMB.pep")
Sequence 4, Application US/08475035
Patent No. 5985553
GENERAL INFORMATION:
APPLICANT: KING, C. R.
APPLICANT: KRAUS, MATTHIAS H.
APPLICANT: AARONSON, STUART A.
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
TITLE OF INVENTION: EGF RECEPTOR GENE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSES: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
```

```

ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,035
FILING DATE: 7 Jun 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 1414.656
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1210 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

281 PEGKYPGATCVKXKPRNVVTDHSGCRACGADSYEMED
|-----|
311
...

1 match found in sequence:
US-08-422-108-1 : Sequence 1, Application US/08422108
(from "/srch/iaa/6A.COMB.pep")
Sequence 1, Application US/08422108
Patent No. 6015567
GENERAL INFORMATION:
APPLICANT: Rudziak, Robert M.
APPLICANT: Shepard, H. Michael
APPLICANT: Ulrich, Axel
TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,108
FILING DATE: 14-Apr-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/355460
FILING DATE: 13-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/048346
FILING DATE: 15-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/354319
FILING DATE: 19-MAY-1989
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M
REGISTRATION NUMBER: 00,000

```

```

REFERENCE/DOCKET NUMBER: 554C2D2
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9880
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 624 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
Found using 'cys' (new.key)
...

264 PEGRYTFGASCVTACPNYLSLDVSGSCTLVCPHLNQEVTAE
|-----|
294
...

1 match found in sequence:
US-08-466-680B-68 : Sequence 68, Application US/08466680B
(from "/srch/iaa/6A.COMB.pep")
Sequence 68, Application US/08466680B
Patent No. 6075122
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,680B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 920010.445C4
TELEPHONE: (206) 622-4500
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 1255 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)
...

285 PEGRYTFGASCVTACPNYLSLDVSGSCTLVCPHLNQEVTAE
|-----|
315
...

1 match found in sequence:

```



```

US-08-579-823A-4 ; Sequence 4, Application US/08579823A
(from "/src/iaa/6A.COMB.pep")
Sequence 4, Application US/08579823A
Patent No. 6082499
GENERAL INFORMATION:
APPLICANT: Jaus, Reiner
APPLICANT: Ruegg, Curtis J.
APPLICANT: Wu, Hongyu
TITLE OF INVENTION: Immunostimulatory Composition and Method
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Deklinger & Associates
STREET: 350 Cambridge Ave. Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,823A
FILING DATE: 03-DEC-1998
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0010
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: homo sapiens
INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8
Found using 'cys' (new.key)
...
285 PEGRYTGCASCVTACPINYLSTVGSTLVCFLHNQEVTAE
315
|-----|
1 match found in sequence:
US-08-833-703-1 ; Sequence 1, Application US/08833703
(from "/src/iaa/6A.COMB.pep")
Sequence 1, Application US/08833703
Patent No. 6080549
GENERAL INFORMATION:
APPLICANT: DETH, RICHARD
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND
TREATMENT OF SCHIZOPHRENIA AND RELATED DISORDERS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Weirgatten, Schurkin, Gagnebin & Hayes
STREET: Ten Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

```

```

COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PatSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,703
FILING DATE: 08-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Reine, Ph.D., Holliday C
REGISTRATION NUMBER: 34,346
REFERENCE/DOCKET NUMBER: NU-431XX
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542 2290
TELEFAX: 617-451 0313
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
Found using 'cys' (new.key)
...
248 PPAPRLPQDPCGPDCCAPPAPGLPPDPCGNCAPPDAVRAAA
258
|-----|
1 match found in sequence:
US-08-475-742-4 ; Sequence 4, Application US/08475742
(from "/src/iaa/6A.COMB.pep")
Sequence 4, Application US/08475742
Patent No. 621015
GENERAL INFORMATION:
APPLICANT: O'Malley, Karen L
APPLICANT: Todd, Richard D
TITLE OF INVENTION: Gene Encoding the Rat Dopamine D4 Receptor
FILE REFERENCE: WU 102 CON DIV
CURRENT APPLICATION NUMBER: US/08/475,742
CURRENT FILING DATE: 1995-06-07
EARLIER APPLICATION NUMBER: US 09/261,293
EARLIER FILING DATE: 1994-06-16
EARLIER APPLICATION NUMBER: US 08/314,013
EARLIER FILING DATE: 1993-01-28
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 387
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)...(387)
OTHER INFORMATION: Human D4 Receptor Protein
Found using 'cys' (new.key)
...
248 PPAPRLPQDPCGPDCCAPPAPGLPPDPCGNCAPPDAVRAAA
258
|-----|
1 match found in sequence:

```

```

US-09-060-694-9 ; Sequence 9, Application US/09060694
  (from "/srch/iaa/6A.COMB.pep")
Sequence 9, Application US/09060694
Patent No. 6203998
GENERAL INFORMATION:
  APPLICANT: Civelli, Olivier
  APPLICANT: Van Tol, Hubert H.M.
  TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
  NUMBER OF SEQUENCES: 24
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
  STREET: 300 South Wacker Drive
  CITY: Chicago
  STATE: IL
  COUNTRY: USA
  ZIP: 60606
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: Patent in Release #1.0, Version #1.25
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/060,694
  FILING DATE: 15-APR-1998
  CLASSIFICATION: 530
  ATTORNEY/AGENT INFORMATION:
    NAME: No. 6203998nan, Kevin E
    REGISTRATION NUMBER: 35,303
    REFERENCE/DOCKET NUMBER: 90,1092-MM
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 312-913-0001
      TELEFAX: 312-913-0002
      TELEX:
  INFORMATION FOR SEQ ID NO: 9:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 187 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
    MOLECULE TYPE: protein
    Found using 'cys' (new.key)
  ...

3 matches found in sequence:
US-09-060-694-11 ; Sequence 11, Application US/09060694
  (from "/srch/iaa/6A.COMB.pep")
Sequence 11, Application US/09060694
Patent No. 6203998
GENERAL INFORMATION:
  APPLICANT: Civelli, Olivier
  APPLICANT: Van Tol, Hubert H.M.
  TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
  NUMBER OF SEQUENCES: 24
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
  STREET: 300 South Wacker Drive
  CITY: Chicago
  STATE: IL
  COUNTRY: USA
  ZIP: 60606
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: Patent in Release #1.0, Version #1.25
  CURRENT APPLICATION DATA:

```

```

APPLICATION NUMBER: US/09/060,694
FILING DATE: 15-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
  NAME: No. 6203998nan, Kevin E
  REGISTRATION NUMBER: 35,303
  REFERENCE/DOCKET NUMBER: 90,1092-MM
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: 312-913-0001
    TELEFAX: 312-913-0002
    TELEX:
  INFORMATION FOR SEQ ID NO: 11:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 219 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
    MOLECULE TYPE: protein
    Found using 'cys' (new.key)
  ...

115 PPAPRLPQDPCGPDCAAPPGLPRGCGPCDCAAPASLSLPQDPCGPDCAAPPGLPDPDPCG
125 145 141 157 161
-----|-----|-----|
--|
175 SNCAFPDPAVAAA
177

5 matches found in sequence:
US-09-060-694-13 ; Sequence 13, Application US/09060694
  (from "/srch/iaa/6A.COMB.pep")
Sequence 13, Application US/09060694
Patent No. 6203998
GENERAL INFORMATION:
  APPLICANT: Civelli, Olivier
  APPLICANT: Van Tol, Hubert H.M.
  TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
  NUMBER OF SEQUENCES: 24
  CORRESPONDENCE ADDRESS:
  ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
  STREET: 300 South Wacker Drive
  CITY: Chicago
  STATE: IL
  COUNTRY: USA
  ZIP: 60606
  COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: Patent in Release #1.0, Version #1.25
  CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/060,694
  FILING DATE: 15-APR-1998
  CLASSIFICATION: 530
  ATTORNEY/AGENT INFORMATION:
    NAME: No. 6203998nan, Kevin E
    REGISTRATION NUMBER: 35,303
    REFERENCE/DOCKET NUMBER: 90,1092-MM
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 312-913-0001
      TELEFAX: 312-913-0002
      TELEX:
  INFORMATION FOR SEQ ID NO: 13:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 267 amino acids
      TYPE: amino acid
      TOPOLOGY: linear

```



```

APPLICATION NUMBER: US/09/146,293
FILING DATE: 03-SEPT-1998
ATTORNEY/AGENT INFORMATION:
  NAME: Judge, Linda R.
  REGISTRATION NUMBER: 42,792
  REFERENCE/DOCKET NUMBER: 7636-CO-0.21
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 650-324-088C
  TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO: 4:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 782 amino acids
    TYPE: amino acid
    TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
  ORGANISM: homo sapiens
  INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion p
  SEQUENCE DESCRIPTION: SEQ ID NO: 4:
Found using 'cys' (new.key)

...

285  PEGRYTFGASCTACPNVNYLSTDVGSCTVLPLHNOEVTAE
315
...

-----
1 match found in sequence:
US-C9-211-416-2 : Sequence 2, Application US/09211416
ifrom "/src/iaa/6A-COMB.pep")
Sequence 2, Application US/09211416
Patent No. 6265840
GENERAL INFORMATION:
  APPLICANT: ALBERTSEN, Marc C.
  APPLICANT: BEACH, Larry R.
  APPLICANT: HOWARD, John A.
  APPLICANT: HUFFMAN, Gary A.
  TITLE OF INVENTION: Nucleotide Sequences Mediating
  NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Patricia A. Sweeney
  STREET: 1835 Pleasant St.
  CITY: West Des Moines
  STATE: Iowa
  COUNTRY: U.S.
ZIP: 52265-2314
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/C9/211,416
  FILING DATE: 10-DECEMBER-1998
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/485,845
  FILING DATE: 07-JUN-1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US 08/103,739
    FILING DATE: 02-AUG-1993
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US 07/537,183
    FILING DATE: 12-JUN-1990
  ATTORNEY/AGENT INFORMATION:
    NAME: Sweeney, Patricia A.
    REGISTRATION NUMBER: 32,733
    REFERENCE/DOCKET NUMBER: 0125R2C4
    TELEPHONE: (515) 222-0921

```

```

TELEFAX: (515) 267-0556
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
  LENGTH: 473 amino acids
  TYPE: amino acid
  TOPOLOGY: linear
Found using 'cys' (new.key)
...
420  EDXPXSVLFCGLLICVRLXMSNAVTCGVTCWQIGLIMDR
      436
      437
-----
1 match found in sequence:
US-08-718-388-7 ; Sequence 7, Application US/08718388
(from "/srch/1aa/6A.COMB.pep")
Sequence 7, Application US/08718388
Patent No. 6271362
GENERAL INFORMATION:
  APPLICANT: MORIKAWA, MINORU
  TITLE OF INVENTION: GENE ENCODING IGG FC REGION-BINDING
  NUMBER OF SEQUENCES: 29
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
    STREET: PO BOX 747
    CITY: FALLS CHURCH
    STATE: VA
    COUNTRY: USA
    ZIP: 22040-0747
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patent in Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/718,388
      FILING DATE:
      CLASSIFICATION: 536
  ATTORNEY/AGENT INFORMATION:
    NAME: MURPHY JR, GERALD M
    REGISTRATION NUMBER: 28,977
    REFERENCE/DOCKET NUMBER: 0230-111
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703) 205-8000
      TELEFAX: (703) 205-8050
    INFORMATION FOR SEQ ID NO: 7:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 2594 amino acids
        TYPE: amino acid
        TOPOLOGY: linear
      MOLECULE TYPE: protein
      Found using 'cys' (new.key)
...
420  EDXPXSVLFCGLLICVRLXMSNAVTCGVTCWQIGLIMDR
      436
      437
-----
1 match found in sequence:
US-08-718-388-7 ; Sequence 7, Application US/08718388
(from "/srch/1aa/6A.COMB.pep")
Sequence 7, Application US/08718388
Patent No. 6271362
GENERAL INFORMATION:
  APPLICANT: MORIKAWA, MINORU
  TITLE OF INVENTION: GENE ENCODING IGG FC REGION-BINDING
  NUMBER OF SEQUENCES: 29
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
    STREET: PO BOX 747
    CITY: FALLS CHURCH
    STATE: VA
    COUNTRY: USA
    ZIP: 22040-0747
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patent in Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/718,388
      FILING DATE:
      CLASSIFICATION: 536
  ATTORNEY/AGENT INFORMATION:
    NAME: MURPHY JR, GERALD M
    REGISTRATION NUMBER: 28,977
    REFERENCE/DOCKET NUMBER: 0230-111
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703) 205-8000
      TELEFAX: (703) 205-8050
    INFORMATION FOR SEQ ID NO: 7:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 2594 amino acids
        TYPE: amino acid
        TOPOLOGY: linear
      MOLECULE TYPE: protein
      Found using 'cys' (new.key)
...
420  EDXPXSVLFCGLLICVRLXMSNAVTCGVTCWQIGLIMDR
      436
      437
-----
1 match found in sequence:
US-08-718-388-9 ; Sequence 9, Application US/08718388
(from "/srch/1aa/6A.COMB.pep")
Sequence 9, Application US/08718388
Patent No. 6271362
GENERAL INFORMATION:
  APPLICANT: MORIKAWA, MINORU
  TITLE OF INVENTION: GENE ENCODING IGG FC REGION-BINDING
  NUMBER OF SEQUENCES: 29
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
    STREET: PO BOX 747
    CITY: FALLS CHURCH
    STATE: VA
    COUNTRY: USA
    ZIP: 22040-0747
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patent in Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/718,388
      FILING DATE:
      CLASSIFICATION: 536
  ATTORNEY/AGENT INFORMATION:
    NAME: MURPHY JR, GERALD M
    REGISTRATION NUMBER: 28,977
    REFERENCE/DOCKET NUMBER: 0230-111
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703) 205-8000
      TELEFAX: (703) 205-8050
    INFORMATION FOR SEQ ID NO: 9:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 5405 amino acids
        TYPE: amino acid
        TOPOLOGY: linear
      MOLECULE TYPE: protein
      Found using 'cys' (new.key)
...
420  EDXPXSVLFCGLLICVRLXMSNAVTCGVTCWQIGLIMDR
      436
      437
-----
1 match found in sequence:
US-09-059-958-2 ; Sequence 2, Application US/09059958
(from "/srch/1aa/6A.COMB.pep")
Sequence 2, Application US/09059958
Patent No. 6297426
GENERAL INFORMATION:
  APPLICANT: ALBERTSEN, Marc C.
  TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
  NUMBER OF SEQUENCES: 8
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Pioneer Hi-Bred International, Inc.
    STREET: 700 Capital Square, 400 Locust Street

```

```

GENERAL INFORMATION:
  APPLICANT: MORIKAWA, MINORU
  TITLE OF INVENTION: GENE ENCODING IGG FC REGION-BINDING
  NUMBER OF SEQUENCES: 29
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
    STREET: PO BOX 747
    CITY: FALLS CHURCH
    STATE: VA
    COUNTRY: USA
    ZIP: 22040-0747
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patent in Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/718,388
      FILING DATE:
      CLASSIFICATION: 536
  ATTORNEY/AGENT INFORMATION:
    NAME: MURPHY JR, GERALD M
    REGISTRATION NUMBER: 28,977
    REFERENCE/DOCKET NUMBER: 0230-111
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703) 205-8000
      TELEFAX: (703) 205-8050
    INFORMATION FOR SEQ ID NO: 9:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 5405 amino acids
        TYPE: amino acid
        TOPOLOGY: linear
      MOLECULE TYPE: protein
      Found using 'cys' (new.key)
...
1953  NSHYEVGPPCPASCPSAPLTTTPAVCEGVCVCQCQDAGF
      1963
      1964
-----
3154  NSHYEVGPPCPASCPSAPLTTTPAVCEGVCVCQCQDAGF
      3164
      3165
-----
4355  NSHYEVGPPCPASCPSAPLTTTPAVCEGVCVCQCQDAGF
      4365
      4385
-----
1 match found in sequence:
US-09-059-958-2 ; Sequence 2, Application US/09059958
(from "/srch/1aa/6A.COMB.pep")
Sequence 2, Application US/09059958
Patent No. 6297426
GENERAL INFORMATION:
  APPLICANT: ALBERTSEN, Marc C.
  TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
  NUMBER OF SEQUENCES: 8
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Pioneer Hi-Bred International, Inc.
    STREET: 700 Capital Square, 400 Locust Street

```

CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent-In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/059,955
FILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/482,714
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,193
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248 4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)
.....
420 EDXPXSMLEFQCLICVRLXMSNAVTCGNLVCVWQIGIIMDR 450
.....
1 match found in sequence:
US-08-422-734-1 ; Sequence 1, Application US/08422734
(from "/srch/aa/63 COMB.pep")
Sequence 1, Application US/08422734
Patent No. 6333169
GENERAL INFORMATION:
APPLICANT: Hudziak, Robert M.
APPLICANT: Shepard, H. Michael
APPLICANT: Ulrich, Axel
TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,734
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/422109
FILING DATE: 14-Apr-1995
APPLICATION NUMBER: 08/355460
FILING DATE: 13-DEC-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/048346
FILING DATE: 15-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/354319
FILING DATE: 19-MAY-1989
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M
REGISTRATION NUMBER: 00,000
REFERENCE/DOCKET NUMBER: 554C2D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7169
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 624 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
Found using 'cys' (new.key)
.....
264 FBGRYTFGASCVTACPNYLSFDVGSCTLVCPLEHQEVTA 294
.....
1 match found in sequence:
US-09-199-637A-339 ; Sequence 339, Application US/09199637A
(from "/srch/aa/6B COMB.pep")
Sequence 339, Application US/09199637A
Patent No. 6355411
GENERAL INFORMATION:
APPLICANT: Ausubel, Frederick
APPLICANT: Goodman, Howard M.
APPLICANT: Rahme, Laurence G.
APPLICANT: Mahajan-Vikios, Shailira
APPLICANT: Tan, Man-wah
APPLICANT: Gao, Hui
APPLICANT: Tsongalis, John
TITLE OF INVENTION: VIRULENCE-ASSOCIATED NUCLEIC ACID
SEQUENCES AND USES THEREOF
FILE REFERENCE: 00786/361002
CURRENT APPLICATION NUMBER: US/09/199,637A
CURRENT FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: 60/066,517
PRIOR FILING DATE: 1997-11-25
NUMBER OF SEQ ID NOS: 437
SOFTWARE: FastSeq for Windows Version: 4.0
SEQ ID NO 339
LENGTH: 173
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
Found using 'cys' (new.key)
.....
125 GRRRLGRRHCFMQCISIGLWRPLAPCTSSLSRPRRAWLA 156
.....
2 matches found in sequence:
US-09-369-364A-13 ; Sequence 13, Application US/09369364A
(from "/srch/aa/6B COMB.pep")
Sequence 13, Application US/09369364A
Patent No. 6391610

```
-----
1 match found in sequence:
US-09-570-454-2 ; Sequence 2, Application: US/09570454
(from "/srch/iaa/6B.COMB.pep")
Sequence 2, Application US/09570454
Patent No. 6399743
GENERAL INFORMATION:
APPLICANT: Department of Veterans Affairs
TITLE OF INVENTION: Isolation and characterization of epidermal growth
factor related protein
FILE REFERENCE: 107999-00106
CURRENT APPLICATION NUMBER: US/09/570,454
CURRENT FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: 60/134,200
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 2
LENGTH: 478
TYPE: PRT
ORGANISM: Rattus norvegicus
Found using 'cys' (new.key)
...

28: PEGKYSFGATCVKNCPRNYYVTDHGSVCVACGPDYVEVED
291
311
-----
1 match found in sequence:
US-09-630-155-2 ; Sequence 2, Application US/09630155
(from "/srch/iaa/6B.COMB.pep")
Sequence 2, Application US/09630155
Patent No. 6414130
GENERAL INFORMATION:
APPLICANT: Doherty, Joni Kristin and Gail M. Clinton
TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVIS WRIGHT TREMAINE LLP
STREET: 1501 Fourth Avenue, 2600 Century Square
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/630,155
FILING DATE: 16-Jan-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Davison, Barry L.
REGISTRATION NUMBER: 47,309
REFERENCE/DOCKET NUMBER: 49321-1C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206 628-7621
TELEFAX: 206 628-7699
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 419
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: polypeptide
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
Found using 'cys' (new.key)
-----

GENERAL INFORMATION:
APPLICANT: Apte, Suneel
APPLICANT: Hurskainen, Tiina L.
APPLICANT: Hirohata, Satoshi
TITLE OF INVENTION: Nucleic Acids Encoding Zinc Metalloproteases
FILE REFERENCE: 26473/4007/10-30-00
CURRENT APPLICATION NUMBER: US/09/369,364A
CURRENT FILING DATE: 1999-08-06
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 13
LENGTH: 1882
TYPE: PRT
ORGANISM: Homo sapiens ADAMTS-9
FEATURE:
NAME/KEY: MOD RES
LOCATION: (468)
OTHER INFORMATION: Xaa = C
NAME/KEY: MOD RES
LOCATION: (521)
OTHER INFORMATION: Xaa = Y
Found using 'cys' (new.key)
...

868 LPQPGVTEPCGTCDLRLWHVAVSRSECSAQGLGYRTLDIY
878
898
-----
929 SHPKPSNEKSGECGTCGRWYSAWTSCSKSCDGTGRRRI
939
960
-----
2 matches found in sequence:
US-09-369-364A-15 ; Sequence 15, Application US/09369364A
(from "/srch/iaa/6B.COMB.pep")
Sequence 15, Application US/09369364A
Patent No. 6391610
GENERAL INFORMATION:
APPLICANT: Apte, Suneel
APPLICANT: Hurskainen, Tiina L.
APPLICANT: Hirohata, Satoshi
TITLE OF INVENTION: Nucleic Acids Encoding Zinc Metalloproteases
FILE REFERENCE: 26473/4007/10-30-00
CURRENT APPLICATION NUMBER: US/09/369,364A
CURRENT FILING DATE: 1999-08-06
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 15
LENGTH: 874
TYPE: PRT
ORGANISM: Mus musculus ADAMTS-9
Found using 'cys' (new.key)
...

760 LPQPGVTEACGTCDLRLWHVAVSRSECSAQGLGYRTLDIH
770
790
-----
821 SQPRPSNEKSGECGTCGRWYSAWTSCSKSCDGTGTHRRRI
831
852
-----
```

285 PEGRYTFCASCVTACPNVYLTQVGSCTLVCLPHNQVTAE 315
295

1 match found in sequence:
US-09-149-476-476 ; Sequence 476, Application US/09149476
(from "srch/aa6B-COMB.pbp")

Sequence 476, Application US/09149476

Patent No. 6420526

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: 186 Human Secreted proteins

FILE REFERENCE: P2002P1

CURRENT APPLICATION NUMBER: US/09/149,476

CURRENT FILING DATE: 1998-09-08

EARLIER APPLICATION NUMBER: PCT/US98/04493

EARLIER FILING DATE: 1998-03-06

EARLIER APPLICATION NUMBER: 60/040,162

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,333

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/038,621

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,626

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,334

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,336

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,163

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/047,600

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,615

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,597

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,502

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,633

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,583

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,617

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,618

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,503

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,592

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,581

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,564

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,500

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,587

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,492

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,598

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,613

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,582

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,596
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,612
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,632
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,601
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,590
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,568
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,314
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,569
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,311
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,671
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,674
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,669
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,312
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,313
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,672
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,315
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/056,986
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,977
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,889
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,893
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,630
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,878
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,662
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,972
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,282
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,637
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,923
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,858
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,879
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,880
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,894
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,911
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,636
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,874
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,910
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,864

EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,631
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,845
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,892
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,599
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,585
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,566
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,593
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,594
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,589
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,593
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,614
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,673
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,976
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,881
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,909
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,875
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,862
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,663
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/043,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02
EARLIER APPLICATION NUMBER: 60/051,926
EARLIER FILING DATE: 1997-07-08
EARLIER APPLICATION NUMBER: 60/052,874
EARLIER FILING DATE: 1997-07-16
EARLIER APPLICATION NUMBER: 60/058,785
EARLIER FILING DATE: 1997-09-12

EARLIER APPLICATION NUMBER: 60/055,724
EARLIER FILING DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/040,161
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ ID NOS: 757
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 476
LENGTH: 273
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (181)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (202)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (203)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (204)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (211)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (212)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (214)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
FEATURE:
NAME/KEY: SITE
LOCATION: (273)
OTHER INFORMATION: Xaa equals stop translation
Found using 'cys' (new.key)

86 |-----|
SIDLNRKLECSACTENAYSQSYACHLCQKQJPFABER
96
117

1 match found in sequence:
US-09-378-074-9 ; Sequence 9, Application US/09378074
(from "/srch/aa/68-COMB.pep")
Sequence 9, Application US/09378074
Patent No. 6437114
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 6437114e, Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,074
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/928,611
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. 6437114nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAGLPGRGCPDCAFAAFSLPQDPCGPDCAFPAGLPDPFCG
125
145
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
Found using 'cys' (new.key)
...

3 matches found in sequence:
US-09-378-074-11 : Sequence 11, Application US/09378074
(from "/srch/iaa/6B.COMB.pep")
Sequence 11: Application US/09378074
Patent No. 6437114
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
Civelli, Olivier
TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 300C
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,074
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/928,611
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. 6437114nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 11:
```

```
115 PPAPRLPQDPCGDCAPPAGLPGRGCPDCAFAAFSLPQDPCGPDCAFPAGLPDPFCG
125
141
161
175 SMCAPPDAVRAAA
177
SEQUENCE CHARACTERISTICS:
LENGTH: 267 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
Found using 'cys' (new.key)
...

6 matches found in sequence:
US-09-378-074-13 : Sequence 13, Application US/09378074
(from "/srch/iaa/6B.COMB.pep")
Sequence 13: Application US/09378074
Patent No. 6437114
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
Civelli, Olivier
TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 300C
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,074
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/928,611
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. 6437114nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-B
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 267 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
Found using 'cys' (new.key)
...
-----
```

115 PPAPRLPDPCGDDCAPPAPGLPRGCGPDCAPAPGLPPDPDCGDCAPPAPGLPDPCG
125 145 157 161 173
157 145 161 173

175 PDCAAPAPGLPRGCGPDCAPPAPGLPDPCGDCAPPAPGLPPDPDCGDCAPPAPGLPDPCG
177 189 193 205 209 225
189 193 205 209 225

235 A

match found in sequence:
US-09-378-074-18 ; Sequence 18, Application US/09378074
(from "/srch/1aa/6B_COMB.pep")

Sequence 18, Application US/09378074

Patent No. 6437114

GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.

Civelli, Olivier

TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Allegretti & Witcoff, Ltd.

STREET: 10 South Wacker Drive, Suite 3000

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09378,074

FILING DATE: 20-Aug-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/928,611

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: No. 6437114nan, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90.1092-B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-715-1000

TELEFAX: 312-715-1234

TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 387 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Found using 'cys' (new.key)

248 PPAPRLPDPCGDDCAPPAPGLPPDPDCGDCAPPAPGLPDPCG
258 278
258 278

3 matches found in sequence:
US-09-378-074-20 ; Sequence 20, Application US/09378074
(from "/srch/1aa/6B_COMB.pep")

Sequence 20, Application US/09378074
Patent No. 6437114
GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.

Civelli, Olivier

TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Allegretti & Witcoff, Ltd.

STREET: 10 South Wacker Drive, Suite 3000

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09378,074

FILING DATE: 20-Aug-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/928,611

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: No. 6437114nan, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90.1092-B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-715-1000

TELEFAX: 312-715-1234

TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 419 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

Found using 'cys' (new.key)

248 PPAPRLPDPCGDDCAPPAPGLPRGCGPDCAPAPGLPDPCGDCAPPAPGLPDPCG
258 278 290 294
258 278 290 294

308 SNCAPPDAVRAAA
310
310

6 matches found in sequence:
US-09-378-074-22 ; Sequence 22, Application US/09378074
(from "/srch/1aa/6B_COMB.pep")
Sequence 22, Application US/09378074
Patent No. 6437114

GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.

Civelli, Olivier

TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Allegretti & Witcoff, Ltd.

STREET: 10 South Wacker Drive, Suite 3000

CITY: Chicago

STATE: Illinois

```

COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08261293
  FILING DATE: 20-AUG-1999
  CLASSIFICATION: {UNKNOWN}
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 07/928,611
  FILING DATE: {UNKNOWN}
  ATTORNEY/AGENT INFORMATION:
    NAME: No. 6437114nan, Kevin E
    REGISTRATION NUMBER: 35,303
    REFERENCE/DOCKET NUMBER: 99,1092-B
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 312-715-1000
      TELEFAX: 312-715-1234
      TELEX: 810-221-8317
    LENGTH: 487 amino acids
    TYPE: amino acid
    TOPOLOGY: linear
    MOLECULE TYPE: protein
    SEQUENCE DESCRIPTION: SEQ ID NO: 22:
Found using 'cys' (new.key)
...

248 PPAPRLPQPCGPGDCAPPAGLPGPGDCAPAPGLPPDPCGSCNCAAPPDAVRAA
258
290
294
305

-----
1 match found in sequence:
US-08-261-293-4 : Sequence 4, Application US/08261293
(from "/srch/aa/68 COMB.pep")
Sequence 4, Application US/08261293
Patent No. 6486310
GENERAL INFORMATION:
  APPLICANT: O'Malley, Karen L.
  APPLICANT: Todd, Richard D.
  TITLE OF INVENTION: Gene Encoding the Rat Dopamine D4
  TITLE OF INVENTION: Receptor
  NUMBER OF SEQUENCES: 16
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Kilpatrick & Cody
    STREET: 1100 Peachtree Street, Suite 2800
    CITY: Atlanta
    STATE: Georgia
    COUNTRY: U.S.
    ZIP: 30309-4530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25

```

```

CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09261293
  FILING DATE:
  CLASSIFICATION: 435
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/08014,013
    FILING DATE:
  ATTORNEY/AGENT INFORMATION:
    NAME: Pabst, Patrea L.
    REGISTRATION NUMBER: 31,284
    REFERENCE/DOCKET NUMBER: WO 102
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (404) 815-6524
      TELEFAX: (404) 815-6555
    INFORMATION FOR SEQ ID NO: 4:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 387 amino acids
        TYPE: amino acid
        STRANDEDNESS: single
        TOPOLOGY: linear
        MOLECULE TYPE: protein
        HYPOTHETICAL: NO
        ANTI-SENSE: NO
        FRAGMENT TYPE: N-terminal
        ORIGINAL SOURCE:
          ORGANISM: Homo sapiens
          FEATURE:
            NAME/KEY: Protein
            LOCATION: 1..387
            OTHER INFORMATION: /note= "Human D4 Receptor Protein"
Found using 'cys' (new.key)
...

248 PPAPRLPQPCGPGDCAPPAGLPPDPCGSCNCAAPPDAVRAA
258
278

-----
1 match found in sequence:
US-09-106-872A-4 : Sequence 4, Application US/09106872A
(from "/srch/aa/68 COMB.pep")
Sequence 4, Application US/09106872A
Patent No. 6486311
GENERAL INFORMATION:
  APPLICANT: Burks Jr., A. Wesley
  APPLICANT: Stanley, J. Steven
  APPLICANT: Cockrell, Gael
  APPLICANT: King, Nina E.
  APPLICANT: Sampson, Hugh A.
  APPLICANT: Helm, Ricki M.
  APPLICANT: Barron, Gary A.
  TITLE OF INVENTION: Peanut Allergens and Methods
  FILE REFERENCE: HS 103 CIP
  CURRENT APPLICATION NUMBER: US/09106,872A
  CURRENT FILING DATE: 1999-06-29
  PRIOR APPLICATION NUMBER: PCT/US96/15222
  NUMBER OF SEQ ID NOS: 23
  SOFTWARE: Patent in Ver. 2.1
  SEQ ID NO 4
  LENGTH: 626
  TYPE: PRT
  ORGANISM: Arachis hypogaea
  FEATURE:
    OTHER INFORMATION: Amino Acids 25-34 are Ara H 1 binding epitope,
    OTHER INFORMATION: Peptide 1
    OTHER INFORMATION: Amino Acids 48-57 are Ara H 1 binding epitope,
    OTHER INFORMATION: Peptide 2
    OTHER INFORMATION: Amino Acids 65-74 are Ara H 1 binding epitope,
    OTHER INFORMATION: Peptide 3

```

OTHER INFORMATION: Amino Acids 89-98 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 4
OTHER INFORMATION: Amino Acids 97-106 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 5
OTHER INFORMATION: Amino Acids 107-116 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 6
OTHER INFORMATION: Amino Acids 123-132 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 7
OTHER INFORMATION: Amino Acids 134-143 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 8
OTHER INFORMATION: Amino Acids 143-152 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 9
OTHER INFORMATION: Amino Acids 294-303 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 10
OTHER INFORMATION: Amino Acids 311-320 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 11
OTHER INFORMATION: Amino Acids 325-334 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 12
OTHER INFORMATION: Amino Acids 344-353 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 13
OTHER INFORMATION: Amino Acids 393-402 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 14
OTHER INFORMATION: Amino Acids 409-418 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 15
OTHER INFORMATION: Amino Acids 461-470 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 16
OTHER INFORMATION: Amino Acids 498-507 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 17
OTHER INFORMATION: Amino Acids 525-534 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 18
OTHER INFORMATION: Amino acids 539-548 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 19
OTHER INFORMATION: Amino acids 551-560 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 20
OTHER INFORMATION: Amino acids 559-568 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 21
OTHER INFORMATION: Amino acids 578-587 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 22
OTHER INFORMATION: Amino acids 597-606 are Ara H 1 binding epitope,
OTHER INFORMATION: peptide 23
Found using 'cys' (new.key)

32 KKTENCAQACQSCQEPDOLXQKACESRCTKLSYDPRCV
42
-----|-----|
62

-----|-----|
1 match found in sequence:
US-09-620-405B-475 ; Sequence 478, Application US/09620405B
(from "/srch/iaa/6B.COMB.pep")
Sequence 478, Application US/09620405B
Patent No. 6528054
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 478
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)

ORGANISM: Homo sapiens
Found using 'cys' (new.key)
...
427 CVSSSRGGVCGDLCVSGSRPVTGVCSPACNGNVAVSTGJ
437
-----|-----|
457
1 match found in sequence:
US-09-620-405B-485 ; Sequence 485, Application US/09620405B
(from "/srch/iaa/6B.COMB.pep")
Sequence 485, Application US/09620405B
Patent No. 6528054
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 485
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)
...
427 CVSSSRGGVCGDLCVSGSRPVTGVCSPACNGNVAVSTGJ
437
-----|-----|
457
1 match found in sequence:
US-09-620-405B-487 ; Sequence 487, Application US/09620405B
(from "/srch/iaa/6B.COMB.pep")
Sequence 487, Application US/09620405B
Patent No. 6528054
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 487
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)
...

```
157  CVSSRGQWVGCDJCVSGSRVTVGVCAPCGNVAVSTGL
167
-----
1 match found in sequence:
US-09-527-487-2 ; Sequence 2, Application US/09527487
(from "/srch/iaa/6B COMB.pep")
Sequence 2, Application US/09527487
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Nicolette, Charles
TITLE OF INVENTION: HER2 ANTIGENIC PEPTIDES
FILE REFERENCE: 126931309200
CURRENT APPLICATION NUMBER: US/09/527,487
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 1255
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)
...

285  PEGRYTFGASCVTACPNVYLSVDSCTLVCLPNAQVTAE
295
-----
1 match found in sequence:
US-09-527-991A-17131 ; Sequence 17131, Application US/09252991A
(from "/srch/iaa/6B COMB.pep")
Sequence 17131, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 31142
SEQ ID NO 17131
LENGTH: 345
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
Found using 'cys' (new.key)
...

19  TAPATWRRRCAPCAMARRRRPRRYCSIPCCPLRRFRGS
29
-----
1 match found in sequence:
US-09-527-991A-20364 ; Sequence 20364, Application US/09252991A
(from "/srch/iaa/6B COMB.pep")
Sequence 20364, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 643
LENGTH: 137
TYPE: PRT
ORGANISM: Acinetobacter baumannii
Found using 'cys' (new.key)
...

157  EGATSSAGAACRACGCTGCGASARGCAPGCRGRT
185
-----
1 match found in sequence:
US-09-328-352-6431 ; Sequence 6431, Application US/09328352
(from "/srch/iaa/6B COMB.pep")
Sequence 6431, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 31142
SEQ ID NO 22446
LENGTH: 210
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
Found using 'cys' (new.key)
...

136  RSIPGVYTRNCWSNCGSARRSPSPACRPSCRW
146
-----
1 match found in sequence:
US-09-252-991A-22446 ; Sequence 22446, Application US/09252991A
(from "/srch/iaa/6B COMB.pep")
Sequence 22446, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 31142
SEQ ID NO 20364
LENGTH: 168
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
Found using 'cys' (new.key)
...

136  RSIPGVYTRNCWSNCGSARRSPSPACRPSCRW
146
-----
1 match found in sequence:
US-09-252-991A-22446 ; Sequence 22446, Application US/09252991A
(from "/srch/iaa/6B COMB.pep")
Sequence 22446, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 31142
SEQ ID NO 20364
LENGTH: 168
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
Found using 'cys' (new.key)
...

175  EGATSSAGAACRACGCTGCGASARGCAPGCRGRT
185
-----
1 match found in sequence:
US-09-328-352-6431 ; Sequence 6431, Application US/09328352
(from "/srch/iaa/6B COMB.pep")
Sequence 6431, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 643
LENGTH: 137
TYPE: PRT
ORGANISM: Acinetobacter baumannii
Found using 'cys' (new.key)
...
```

```

41  CFECPACGHCASACQEEHVHMMREC:KHCLTCVETCOLC
    51
    -----|-----
    1 match found in sequence:
    US-09-867-521-2 ; Sequence 2, Application US/09867521
    (from "/srch/iaa/6B_COMB.pep")
    Sequence 2, Application US/09867521
    Patent No. 6582934
    GENERAL INFORMATION:
    APPLICANT: Department of Veterans Affairs
    TITLE OF INVENTION: Isolation and characterization of epidermal growth
    factor related protein
    FILE REFERENCE: 111828-00103
    CURRENT APPLICATION NUMBER: US/09/867,521
    CURRENT FILING DATE: 2001-05-31
    PRIOR APPLICATION NUMBER: 60/134,200
    PRIOR FILING DATE: 1999-05-14
    PRIOR APPLICATION NUMBER: 09/570,454
    PRIOR FILING DATE: 2000-05-12
    NUMBER OF SEQ ID NOS: 8
    SOFTWARE: PatentIn Ver. 2.1
    SEQ ID NO 2
    LENGTH: 478
    TYPE: PRT
    ORGANISM: Rattus norvegicus
    Found using 'cys' (new.key)

427  CVSSSRGGVCGDLGVSGSRPVTGVSAPCNGNVAVSTGL
    437
    -----|-----
    1 match found in sequence:
    US-03-604-287A-485 ; Sequence 485, Application US/09604287A
    (from "/srch/iaa/6B_COMB.pep")
    Sequence 485, Application US/09604287A
    Patent No. 6586572
    GENERAL INFORMATION:
    APPLICANT: Jiang, Yuqiu
    APPLICANT: Dillon, Davin C.
    APPLICANT: Mitcham, Jennifer L.
    APPLICANT: Xu, Jiangchun
    APPLICANT: Harlocker, Susan L.
    APPLICANT: Hepler, William T.
    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
    DIAGNOSIS OF BREAST CANCER
    FILE REFERENCE: 210121.470C7
    CURRENT APPLICATION NUMBER: US/09/604,287A
    CURRENT FILING DATE: 2000-06-22
    NUMBER OF SEQ ID NOS: 489
    SOFTWARE: FastSEQ for Windows Version 3.0
    SEQ ID NO 485
    LENGTH: 505
    TYPE: PRT
    ORGANISM: Homo sapiens
    Found using 'cys' (new.key)

427  PEGKVSFGATCVKNCPRNYVVTDDHSCVACGPDYVEVED
    291
    -----|-----
    1 match found in sequence:
    US-09-604-287A-478 ; Sequence 478, Application US/09604287A
    (from "/srch/iaa/6B_COMB.pep")
    Sequence 478, Application US/09604287A
    Patent No. 6586572
    GENERAL INFORMATION:
    APPLICANT: Jiang, Yuqiu
    APPLICANT: Dillon, Davin C.
    APPLICANT: Mitcham, Jennifer L.
    APPLICANT: Xu, Jiangchun
    APPLICANT: Harlocker, Susan L.
    APPLICANT: Hepler, William T.
    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
    DIAGNOSIS OF BREAST CANCER
    FILE REFERENCE: 210121.470C7
    CURRENT APPLICATION NUMBER: US/09/604,287A
    CURRENT FILING DATE: 2000-06-22
    NUMBER OF SEQ ID NOS: 489
    SOFTWARE: FastSEQ for Windows Version 3.0
    SEQ ID NO 478
    LENGTH: 505
    TYPE: PRT
    ORGANISM: Homo sapiens
    Found using 'cys' (new.key)

427  CVSSSRGGVCGDLGVSGSRPVTGVSAPCNGNVAVSTGL
    437
    -----|-----
    1 match found in sequence:
    US-03-604-287A-487 ; Sequence 487, Application US/09604287A
    (from "/srch/iaa/6B_COMB.pep")
    Sequence 487, Application US/09604287A
    Patent No. 6586572
    GENERAL INFORMATION:
    APPLICANT: Jiang, Yuqiu
    APPLICANT: Dillon, Davin C.
    APPLICANT: Mitcham, Jennifer L.
    APPLICANT: Xu, Jiangchun
    APPLICANT: Harlocker, Susan L.
    APPLICANT: Hepler, William T.
    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
    DIAGNOSIS OF BREAST CANCER
    FILE REFERENCE: 210121.470C7
    CURRENT APPLICATION NUMBER: US/09/604,287A
    CURRENT FILING DATE: 2000-06-22
    NUMBER OF SEQ ID NOS: 489
    SOFTWARE: FastSEQ for Windows Version 3.0
    SEQ ID NO 487
    LENGTH: 505
    TYPE: PRT
    ORGANISM: Homo sapiens
    Found using 'cys' (new.key)

427  CVSSSRGGVCGDLGVSGSRPVTGVSAPCNGNVAVSTGL
    167
    -----|-----
    1 match found in sequence:
    PCT-US93-07370-9 ; Sequence 9, Application PC/TUS9307370
    187
```

```

(from "/srch/iaa/PCTUS_COMB.pep")
Sequence 9, Application PC/TUS9307370
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: PCT/US93/07370
APPLICATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAPGLPRGPGDCAPPAAPSLPDPDPCGSCNCAFPDAVRAAA
125 141 145
...

3 matches found in sequence:
PCT-US93-07370-11 ; Sequence 11, Application PC/TUS9307370
(from "/srch/iaa/PCTUS_COMB.pep")
Sequence 11, Application PC/TUS9307370
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: PCT/US93/07370
APPLICATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAPGLPRGPGDCAPPAAPSLPDPDPCGSCNCAFPAPGLPDPDPCG
125 141 145 157 161
...

175 SNCAFPDAVRAAA
177
...

6 matches found in sequence:
PCT-US93-07370-13 ; Sequence 13, Application PC/TUS9307370
(from "/srch/iaa/PCTUS_COMB.pep")
Sequence 13, Application PC/TUS9307370
GENERAL INFORMATION:

```

```

APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: PCT/US93/07370
APPLICATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 267 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

115 PPAPRLPQDPCGDCAPPAPGLPRGPGDCAPPAAPSLPDPDPCGSCNCAFPAPGLPDPDPCG
125 141 145 157 161 173
...

175 PCAPPAPGLPRGPGDCAPPAPGLPDPDPCGDCAPPAAPGLPDPDPCGSCNCAFPDAVRAAA
177 189 193 205 209 225
...

235 A
...

-----
match found in sequence:
PCT-US93-07370-18 ; Sequence 18, Application PC/TUS9307370
(from "/srch/iaa/PCTUS_COMB.pep")
Sequence 18, Application PC/TUS9307370
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: PCT/US93/07370
APPLICATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)
...

249 PPAPRLPQDPCGDCAPPAPGLPDPDPCGSCNCAFPDAVRAAA
258 278
...

3 matches found in sequence:
PCT-US93-07370-20 ; Sequence 20, Application PC/TUS9307370
(from "/srch/iaa/PCTUS_COMB.pep")
Sequence 20, Application PC/TUS9307370

```


GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPC)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07370
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 419 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...

248 PPAPRLPQDPCGPDCAFPAPGLPRGCGDCAFAAPSLPQPCGPDCAFPAPGLPQDPCG
258 278 290 294

308 --| SMCAPPDAVRAAA
310

...

6 matches found in sequence:
PCT-US93-07370-22 : Sequence 22, Application PC/TUS9307370
(from "/srcch/iaa/PCTUS COMB.pep")
Sequence 22, Application PC/TUS9307370
GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPC)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07370
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

...

248 PPAPRLPQDPCGPDCAFPAPGLPRGCGDCAFAAPGLPQDPCGPDCAFPAPGLPQDPCG
258 274 278 290 294 306

308 --| PCAPPAPGLPRGCGDCAFPAPGLPQDPCGPDCAFPAPGLPQDPCGNCAPPDAVRAA
310 322 326 336 342 358

368 A

...

-- Search Statistics --

Times: CPU 30:07:55.06 Total Elapsed
00:14:15.00
Number of sequences searched: 328807
Number of sequence hits: 89
Number of separate matches: 173
Number of sequence hits saved: 0

GerCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 27, 2003, 15:54:41 ; Search time 46.5581 Seconds
(without alignments)
79.130 Million cell updates/sec

Title: US-09-331-631A-39

Perfect score: 54

Sequence: 1 CXXXCXXXXXXXXXXCXXXC 22

Scoring table: BLOSUM62DX

Gapop 10.0 , Gapext 0.5

Searched: 629382 seqs, 167460630 residues

Total number of hits satisfying chosen parameters: 629382

Minimum DB seq length: 0

Maximum DB seq length: 2300000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

- 1: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubaa/PC7_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubaa/PC7US_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	54	100.0	22	10	US-09-331-631A-39
2	54	100.0	22	12	Sequence 39, Appl
3	54	100.0	27	15	US-10-147-095-39
4	54	100.0	29	10	Sequence 580, Appl
5	54	100.0	29	10	US-09-331-631A-33
6	54	100.0	29	10	US-09-331-631A-36
7	54	100.0	29	12	US-10-147-095-33
8	54	100.0	29	12	US-10-147-095-36
9	54	100.0	33	12	US-10-252-340-37
10	54	100.0	35	12	US-10-174-151-5
11	54	100.0	36	12	US-10-321-807-132
12	54	100.0	38	15	US-10-252-340-11
13	54	100.0	39	12	US-10-195-730-172
14	54	100.0	42	15	US-10-252-340-15
15	54	100.0	43	15	US-10-252-340-13
16	54	100.0	44	15	US-10-252-340-12

16	54	100.0	47	12	US-10-029-386-33022	Sequence 33022, A
17	54	100.0	49	9	US-09-864-761-34921	Sequence 34921, A
18	54	100.0	59	10	US-09-829-155C-3	Sequence 3, Appl
19	54	100.0	59	9	US-09-790-264-67	Sequence 67, Appl
20	54	100.0	59	9	US-09-867-550-1164	Sequence 1164, Appl
21	54	100.0	59	15	US-10-269-353-67	Sequence 67, Appl
22	54	100.0	60	9	US-09-790-264-59	Sequence 59, Appl
23	54	100.0	60	15	US-10-269-353-59	Sequence 59, Appl
24	54	100.0	61	11	US-09-919-039-195	Sequence 195, Appl
25	54	100.0	63	10	US-09-950-933A-75	Sequence 75, Appl
26	54	100.0	63	10	US-09-950-933A-76	Sequence 76, Appl
27	54	100.0	66	10	US-09-950-933A-73	Sequence 73, Appl
28	54	100.0	67	12	US-10-174-151-1	Sequence 1, Appl
29	54	100.0	69	12	US-10-174-151-2	Sequence 2, Appl
30	54	100.0	70	11	US-09-866-050A-131	Sequence 131, Appl
31	54	100.0	71	9	US-09-864-761-40251	Sequence 40251, A
32	54	100.0	71	12	US-10-174-151-3	Sequence 3, Appl
33	54	100.0	71	12	US-10-269-806-97	Sequence 97, Appl
34	54	100.0	71	15	US-10-011-931-15	Sequence 15, Appl
35	54	100.0	71	15	US-10-011-931-17	Sequence 17, Appl
36	54	100.0	72	9	US-09-823-038A-38	Sequence 38, Appl
37	54	100.0	73	12	US-10-174-151-4	Sequence 4, Appl
38	54	100.0	73	15	US-10-091-572-409	Sequence 409, Appl
39	54	100.0	74	9	US-09-790-264-58	Sequence 58, Appl
40	54	100.0	74	15	US-10-269-353-58	Sequence 58, Appl
41	54	100.0	76	9	US-09-790-264-56	Sequence 56, Appl
42	54	100.0	76	12	US-09-983-802-261	Sequence 261, Appl
43	54	100.0	76	12	US-10-029-386-31899	Sequence 31899, A
44	54	100.0	76	15	US-10-269-353-56	Sequence 56, Appl
45	54	100.0	77	10	US-09-950-933A-46	Sequence 46, Appl

ALIGNMENTS

RESULT 1

US-09-331-631A-39

Sequence 39, Application US/09331631A

Patent No. US20020168392A1

GENERAL INFORMATION:

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulter, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULLN23.001APC

CURRENT APPLICATION NUMBER: US/09/331.631A

PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: PCT/AU97/00874

PRIOR FILING DATE: 1997-12-22

PRIOR APPLICATION NUMBER: AJ PO 4275

PRIOR FILING DATE: 1996-12-20

NUMBER OF SEQ ID NOS: 40

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 39

LENGTH: 22

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Consensus sequence for antimicrobial peptides

OTHER INFORMATION: wherein X is any amino acid.

US-09-331-631A-39

Query Match

Best Local Similarity 100.0%; Score 54; DB 10; Length 22;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXXC 22

DB 1 CXXXCXXXXXXXXXXCXXXC 22

RESULT 2

```

US-10-147-095-39
; Sequence 39, Application US/10147095
; Publication No. US2003071274A1
; GENERAL INFORMATION:
; APPLICANT: Mannes, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULL23.001APC
; CURRENT APPLICATION NUMBER: US/10/147,095
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: US/09/331,631A
; PRIOR FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PC 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid.
US-10-147-095-39

Query Match 100.0%; Score 54; DB 12; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXCCXXXCCXXXCCXXXCC 22
| | | | | | | | | | | | | | |
Db 1 CXXXCXCCXXXCCXXXCCXXXCC 22

RESULT 3
US-10-097-065-580
; Sequence 580, Application US/10097065
; Publication No. US2003005236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008

```

```

; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 580
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-097-065-580

Query Match 100.0%; Score 54; DB 15; Length 27;
Best Local Similarity 18.2%; Pred. No. 1.8e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXCCXXXCCXXXCCXXXCC 22
| | | | | | | | | | | | | | |
Db 4 CPSCCLPSRPGCSREORCAFC 25

RESULT 4
US-09-331-631A-33
; Sequence 33, Application US/09331631A
; Patent No. US20020168392A1
; GENERAL INFORMATION:
; APPLICANT: Mannes, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULL23.001APC
; CURRENT APPLICATION NUMBER: US/09/331,631A
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PC 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid.
US-09-331-631A-33

Query Match 100.0%; Score 54; DB 10; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXCCXXXCCXXXCCXXXCC 22
| | | | | | | | | | | | | | |
Db 4 CXXXCXCCXXXCCXXXCCXXXCC 25

RESULT 5
US-09-331-631A-36
; Sequence 36, Application US/09331631A
; Patent No. US20020168392A1
; GENERAL INFORMATION:
; APPLICANT: Mannes, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULL23.001APC
; CURRENT APPLICATION NUMBER: US/09/331,631A
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PC 4275

```



```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CYSTEINE
; OTHER INFORMATION: SPACING MOTIF
; FEATURE:
; OTHER INFORMATION: Where any X can be any amino acid.
US-10-174-151-5

Query Match      100.0%; Score 54; DB 12; Length 35;
Best Local Similarity 95.5%; Pred. No. 2.3e+02;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXCXXC 22
   |||||
Db 10 CXXXCXXXXXXXXXXCXXC 31

RESULT 10
US-10-321-807-132
; Sequence 132, Application US/10321807
; Publication No. US20030166148A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Rupong
; APPLICANT: Dang, Huo-S T.
; APPLICANT: Lowitz, Kevin P.
; TITLE OF INVENTION: No. US20030166148A1-Endogenous, Constitutively Activated Human G
; FILE REFERENCE: AREN0086
; CURRENT APPLICATION NUMBER: US/10/321,807
; CURRENT FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: US/09/714,008
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 09/170,496
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: PCT/US99/23938
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,088
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/166,099
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/166,369
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/171,902
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/171,901
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/171,900
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/181,749
; PRIOR FILING DATE: 2000-02-11
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 132
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. US20030166148A1el Sequence
US-10-321-807-132

Query Match      100.0%; Score 54; DB 12; Length 36;
Best Local Similarity 18.2%; Pred. No. 2.4e+02;
Matches 4; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXCXXC 22
   |||||
Db 4 CAAGCTTCATGGCGTGTGCC 25
```

```
RESULT 11
US-10-252-340-11
; Sequence 11, Application US/10252340
; Publication No. US20030077745A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; FILE REFERENCE: 1373 G1209
; CURRENT APPLICATION NUMBER: US/10/252,340
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/335,318
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 38
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-252-340-11

Query Match      100.0%; Score 54; DB 15; Length 38;
Best Local Similarity 18.2%; Pred. No. 2.5e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXCXXC 22
   |||||
Db 10 CTQECVSDSEACDNJKCCSAGC 31

RESULT 12
US-10-195-730-172
; Sequence 172, Application US/0195730
; Publication No. US2003014492A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et. al
; TITLE OF INVENTION: 101 Human Secreted Proteins
; FILE REFERENCE: P2017P1
; CURRENT APPLICATION NUMBER: US/10/195,730
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US/09/281,976
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/060,837
; PRIOR FILING DATE: 1997-10-02
; PRIOR APPLICATION NUMBER: 60/060,862
; PRIOR FILING DATE: 1997-10-02
; NUMBER OF SEQ ID NOS: 390
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 172
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: 139
; OTHER INFORMATION: Xaa equals stop translation
US-10-195-730-172

Query Match      100.0%; Score 54; DB 12; Length 39;
Best Local Similarity 18.2%; Pred. No. 2.6e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXCXXC 22
   |||||
Db 6 CFRACWCSLGLLLNLCFQSC 27

RESULT 13
US-10-252-340-15
; Sequence 15, Application US/10252340
; Publication No. US20030077745A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; TITLE OF INVENTION: Growth Inhibitory Factor and Vectors
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/335,318
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-252-340-15
```

```
Query Match      100.0%; Score 54; DB 15; Length 42;
Best Local Similarity 18.2%; Pred. No. 2.7e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCXXC 22
   |::|::|::|::|::|::|
DB 12 CVELCSGQSCPNIGKCCSNGC 33
```

```
RESULT 14
US-10-252-340-13
; Sequence 13, Application US/10252340
; Publication No. US2003007745A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; TITLE OF INVENTION: Growth Inhibitory Factor and Vectors
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/335,318
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 43
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-252-340-13
```

```
Query Match      100.0%; Score 54; DB 15; Length 43;
Best Local Similarity 18.2%; Pred. No. 2.8e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCXXC 22
   |::|::|::|::|::|::|
DB 14 CVESCEVDNECSGVKKCCSNGC 35
```

```
RESULT 15
US-10-252-340-12
; Sequence 12, Application US/10252340
; Publication No. US2003007745A:
; GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; TITLE OF INVENTION: Growth Inhibitory Factor and Vectors
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: US/09/335,318
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 44
```

```
; TYPE: PRT
; ORGANISM: Caretta caretta
US-10-252-340-12

Query Match      100.0%; Score 54; DB 15; Length 44;
Best Local Similarity 18.2%; Pred. No. 2.9e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCXXC 22
   |::|::|::|::|::|::|
DB 10 CLHGCDSDDCKEGKCCCPDGC 31

Search completed: October 27, 2003, 16:12:13
Job time : 47.5581 secs
```


DB 2 CAACCAATGCTGCTGAGCTCC 23

RESULT 2

US-08-761-248B-11
; Sequence 11, Application US/08761248B
; Patent No. 5958735
; GENERAL INFORMATION:
; APPLICANT: ROWLEY, DAVID R.
; TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
; TITLE OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jenkins & Gilchrist
; STREET: 1100 Louisiana, Suite 1800
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,248B
; FILING DATE: 06-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/508,348
; FILING DATE: 07-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Turley, Charles P
; REGISTRATION NUMBER: 35,723
; REFERENCE/DOCKET NUMBER: 34012.6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713)9513310
; TELEFAX: (713)9513314
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Peptide
US-08-761-248B-11

Query Match 100.0%; Score 54; DB 2; Length 38;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 3; Gaps 0;

QY 1 CXXXCXXXXXXXCCXXC 22

DB 10 CTCGCVSDGECADNLKCGSAGC 31

RESULT 3

US-08-036-555B-40
; Sequence 40, Application US/C8036555B
; Patent No. 5510109
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
; APPLICANT: Chen, Maio Su; Hiles, Ian
; TITLE OF INVENTION: Glial Mitogenic Factors, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York

COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/036,555B
FILING DATE: 24-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APRIL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tsai, Christine H.
REGISTRATION NUMBER: 34,266
REFERENCE/DOCKET NUMBER: JUD 5250.4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-036-555B-40

Query Match 100.0%; Score 54; DB 1; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCXXC 22

DB 13 CACRCAGAGGCTCTCTCTTC 34

RESULT 4

US-08-469-569-40
; Sequence 40, Application US/08469569
; Patent No. 5606032
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
; APPLICANT: Chen, Maio Su; Hiles, Ian
; TITLE OF INVENTION: Glial Mitogenic Factors, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect


```

1  ZIP: 84101
2  COMPUTER READABLE FORM:
3  MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
4  COMPUTER: IBM
5  OPERATING SYSTEM: MS-DOS
6  SOFTWARE: WORDPERFECT 5.1
7  CURRENT APPLICATION DATA:
8  APPLICATION NUMBER: US/08/390,892A
9  FILING DATE: No. 5680764e assigned
10 CLASSIFICATION: 514
11 ATTORNEY/AGENT INFORMATION:
12 NAME: L. CRAIG METCALF
13 REGISTRATION NUMBER: 31,398
14 REFERENCE/DOCKET NUMBER: 1034.2.1
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: (801) 537-1700
17 TELEFAX: (801) 537-1799
18 INFORMATION FOR SEQ ID NO: 2:
19 SEQUENCE CHARACTERISTICS:
20 LENGTH: 39 amino acids
21 TYPE: amino acid
22 STRANDEDNESS: single
23 TOPOLOGY: unknown
24 MOLECULE TYPE: peptide
25 HYPOTHETICAL:
26 ANTI-SENSE: no
27 FRAGMENT TYPE:
28 ORIGINAL SOURCE:
29 ORGANISM: Calisoga sp.

```



```

APPLICANT: Minghetti, Luisa
APPLICANT: Waterfield, Michael
APPLICANT: Marchionni, Mark
APPLICANT: Chen, Maic Su
APPLICANT: Hiles, Ian
TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
NUMBER OF SEQUENCES: 187
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Ebling LLP
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,526A
FILING DATE: 06 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 24-MAR-1993
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
APPLICATION NUMBER: 07/907,138
FILING DATE: 03-JUN-1992
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APR-1992
APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Bleker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: C4585/03200A
TELEPHONE: 617-428-7045
TELEFAX: 617-428-7045
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-469-526A-40

Query Match 100.0%, Score 54; DB 1; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCXXXXC 22
Db 13 CACRCAGAGGTCTTCCTTC 34

RESULT 10
US-08-734-591A-40
Sequence 40, Application US/08734591A
Patent No. 5854220
GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew
APPLICANT: Stroobant, Paul
APPLICANT: Minghetti, Luisa
APPLICANT: Waterfield, Michael
APPLICANT: Hiles, Ian
APPLICANT: Marchionni, Mark
APPLICANT: Chen, Mario

```

```

TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
NUMBER OF SEQUENCES: 187
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Ebling LLP
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible Pentium
OPERATING SYSTEM: Windows95
SOFTWARE: WordPerfect (Version 7.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/734,591A
FILING DATE: 22-OCT-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/470,335
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 03-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UK 91 07566.3
FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bleker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: C4585/03200P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 428-0200
TELEFAX: (617) 428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-734-591A-40

Query Match 100.3%, Score 54; DB 2; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCXXXXC 22
Db 13 CACRCAGAGGTCTTCCTTC 34

RESULT 11
US-08-469-660-40
Sequence 40, Application US/08469660
Patent No. 5876973
GENERAL INFORMATION:
APPLICANT: Gwynne, David I.; Marchionni, Mark;
APPLICANT: McBurney, Robert N.
TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,

```

;; TITLE OF INVENTION: THEIR PREPARATION AND USE
;; NUMBER OF SEQUENCES: 184
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Fish & Richardson
;; STREET: 225 Franklin Street
;; CITY: Boston
;; STATE: Massachusetts
;; ZIP: 0211-2804
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
;; COMPUTER: IBM
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: Wordperfect
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/469,660
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/011,396
;; FILING DATE: 29-JAN-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/984,085
;; FILING DATE: 01-DEC-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/951,747
;; FILING DATE: 25-SEP-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/927,337
;; FILING DATE: 13-AUG-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Clark, Paul
;; REGISTRATION NUMBER: 30,162
;; REFERENCE/DOCKET NUMBER: 04565/017004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 542-5070
;; TELEFAX: 200154
;; INFORMATION FOR SEQ ID NO: 40:
;; SEQUENCE CHARACTERISTICS:
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: linear
US-08-469-660-40

Query Match 100.0%; Score 54; DB 2; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e-02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 3;

QY 1 CXXXCXXXXXXXCCCCXXXC 22
DB 13 CACRCAGAGGTCTTCTCTTC 34

RESULT 12
US-08-735-021-40
;; Sequence 40, Application US/08/735021B
;; Patent No. 6194377
;; GENERAL INFORMATION:
;; APPLICANT: GOODEARL, ANDREW
;; APPLICANT: STROOBANT, PAUL
;; APPLICANT: MINGHETTI, LUISA
;; APPLICANT: WATERFIELD, MICHAEL
;; APPLICANT: MARCHIONNI, MARK
;; APPLICANT: CHEN, MARIO S.
;; APPLICANT: HILES, IAN
;; TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
;; PREPARATION AND USE
;; FILE REFERENCE: C4585/00200L
;; CURRENT APPLICATION NUMBER: US/08/735,021B
;; CURRENT FILING DATE: 1996-10-22
;; EARLIER APPLICATION NUMBER: 08/472,065
;; EARLIER FILING DATE: 1995-06-06
;; PRIOR APPLICATION NUMBER: 08/036,555

;; EARLIER FILING DATE: 1993-03-24
;; EARLIER APPLICATION NUMBER: 07/965,173
;; EARLIER FILING DATE: 1992-10-23
;; EARLIER APPLICATION NUMBER: 07/940,389
;; EARLIER FILING DATE: 1992-09-03
;; EARLIER APPLICATION NUMBER: 07/907,138
;; EARLIER FILING DATE: 1992-06-30
;; EARLIER APPLICATION NUMBER: 07/863,703
;; EARLIER FILING DATE: 1992-04-03
;; NUMBER OF SEQ ID NOS: 192
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 40
;; LENGTH: 39
;; TYPE: PRT
;; ORGANISM: Bos taurus
US-08-735-021-40

Query Match 100.0%; Score 54; DB 3; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e-02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 3;

QY 1 CXXXCXXXXXXXCCCCXXXC 22
DB 13 CACRCAGAGGTCTTCTCTTC 34

RESULT 13
US-08-734-664A-40
;; Sequence 40, Application US/08734664A
;; Patent No. 6204241
;; GENERAL INFORMATION:
;; APPLICANT: Goodearl, Andrew
;; APPLICANT: Stroobant, Paul
;; APPLICANT: Minghetti, Luisa
;; APPLICANT: Waterfield, Michael
;; APPLICANT: Marchionni, Mark
;; APPLICANT: Chen, Mario
;; APPLICANT: Hiles, Ian
;; TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
;; PREPARATION AND USE
;; NUMBER OF SEQUENCES: 187
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Clark & Elbing LLP
;; STREET: 176 Federal Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: U.S.A.
;; ZIP: 02110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; COMPUTER: IBM Compatible Pentium
;; OPERATING SYSTEM: Windows95
;; SOFTWARE: FastSeq Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/734,664A
;; FILING DATE: 22-OCT-1996
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/249,322
;; FILING DATE: 26-MAY-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/036,555
;; FILING DATE: 24-MAR-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/965,173
;; FILING DATE: 23-OCT-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/940,389
;; FILING DATE: 03-SEP-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/907,138
;; FILING DATE: 30-JUN-1992
;; PRIOR APPLICATION DATA:

```

? APPLICATION NUMBER: 07/663,703
? FILING DATE: 03-APR-1992
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: UK 91 07566.3
? FILING DATE: 10-APR-1991
? ATTORNEY/AGENT INFORMATION:
? NAME: Bleker-Brady, Kristina
? REGISTRATION NUMBER: 39,109
? REFERENCE/DOCKET NUMBER: 04555/0020CJ
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617) 428-0200
? TELEFAX: (617) 428-7345
? TELEX:
? INFORMATION FOR SEQ ID NO: 40:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 39
? TYPE: amino acid
? STRANDEDNESS:
? TOPOLOGY: linear
? US-08-734-664A-40

Query Match 100.0%; Score 54; DB 3; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCCCXXC 22
DB 13 CACRCAGAGGTCTCTCTCTC 34

RESULT 14
PCT-US94-05083C-40
; Sequence 40, Application PC/TUS9405083C
; GENERAL INFORMATION:
; APPLICANT: Robert Sklar, Mark Marchionni,
; APPLICANT: David I. Gwynne
; TITLE OF INVENTION: METHODS FOR ALTERING
; TITLE OF INVENTION: MUSCLE CONDITION
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360
; MEDIUM TYPE: kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05083C
; FILING DATE: 06-MAY-94
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/203,204
; FILING DATE: 08-MAR-94
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/059,022
; FILING DATE: 06-MAY-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04585/028WO1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
```

```

? STRANDEDNESS:
? TOPOLOGY: linear
? PCT-US94-05083C-40

Query Match 100.0%; Score 54; DB 5; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXCCCCXXC 22
DB 13 CACRCAGAGGTCTCTCTCTC 34

RESULT 15
PCT-US95-06846A-40
; Sequence 40, Application PC/TUS9506846A
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew David; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
; APPLICANT: Chen, Maic Su; Hiles, Ian
; TITLE OF INVENTION: Glial Mitogenic Factors, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06846A
; FILING DATE: 25-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/249,322
; FILING DATE: 26-MAY-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APRIL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, Norman D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5250.5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
```

PCT-US95-06846A-40

Query Match 100.0%; Score 54; DB 5; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXC 22
|::|:::|:::|:::|
Db 13 CACRCAGAGGCTCTCTCTC 34

Search completed: October 27, 2003, 16:04:01
Job time : 15.8372 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: October 27, 2003, 15:54:41 | Search time 44.4419 Seconds
(without alignments)
79.130 Million cell updates/sec

Title: US-09-331-631A-38

Perfect score: 53
Sequence: 1 CXXXCXXXXXXXCCXXC 21

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 629382 seqs, 167460630 residues

Total number of hits satisfying chosen parameters: 629382

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications AA:

1: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubaa/US06_NEK_PUB.pep.*
4: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubaa/US09_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubaa/US09D_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	53	100.0	21	US-09-331-631A-38	Sequence 38, Appl
2	53	100.0	21	US-10-147-095-38	Sequence 38, Appl
3	53	100.0	28	US-09-331-631A-32	Sequence 32, Appl
4	53	100.0	28	US-09-331-631A-35	Sequence 35, Appl
5	53	100.0	28	US-10-147-095-32	Sequence 32, Appl
6	53	100.0	28	US-10-147-095-35	Sequence 35, Appl
7	53	100.0	37	US-10-146-984A-2	Sequence 2, Appl
8	53	100.0	37	US-10-008-277B-2	Sequence 2, Appl
9	53	100.0	37	US-09-847-185-47	Sequence 47, Appl
10	53	100.0	38	US-10-224-386-47	Sequence 47, Appl
11	53	100.0	39	US-10-029-386-27417	Sequence 27417, A
12	53	100.0	40	US-10-124-557-8	Sequence 8, Appl
13	53	100.0	41	US-10-124-557-6	Sequence 6, Appl
14	53	100.0	43	US-10-063-685-169	Sequence 169, Appl
15	53	100.0	43	US-10-184-644-611	Sequence 611, Appl

16 53 100.0 43 15 US-10-184-634-611 Sequence 611, Appl
17 53 100.0 45 8 US-08-450-942-97 Sequence 97, Appl
18 53 100.0 47 8 US-08-450-942-93 Sequence 93, Appl
19 53 100.0 47 8 US-08-450-942-94 Sequence 94, Appl
20 53 100.0 47 8 US-08-450-942-95 Sequence 95, Appl
21 53 100.0 47 8 US-08-450-942-96 Sequence 96, Appl
22 53 100.0 47 12 US-10-029-386-33022 Sequence 33022, A
23 53 100.0 56 11 US-09-948-783-223 Sequence 223, Appl
24 53 100.0 57 11 US-09-892-877-219 Sequence 219, Appl
25 53 100.0 57 12 US-10-029-386-28520 Sequence 28520, A
26 53 100.0 58 11 US-09-498-272-60 Sequence 60, Appl
27 53 100.0 62 11 US-09-498-272-61 Sequence 61, Appl
28 53 100.0 62 12 US-10-029-386-34270 Sequence 34270, A
29 53 100.0 70 15 US-10-264-480-25 Sequence 25, Appl
30 53 100.0 70 15 US-10-264-480-26 Sequence 26, Appl
31 53 100.0 71 12 US-10-269-806-38 Sequence 38, Appl
32 53 100.0 71 12 US-10-269-806-82 Sequence 82, Appl
33 53 100.0 71 12 US-10-269-806-122 Sequence 122, Appl
34 53 100.0 71 12 US-10-269-806-142 Sequence 142, Appl
35 53 100.0 71 15 US-10-011-931-14 Sequence 14, Appl
36 53 100.0 71 15 US-10-011-931-33 Sequence 33, Appl
37 53 100.0 72 12 US-10-029-386-32016 Sequence 32016, A
38 53 100.0 72 11 US-09-764-872-465 Sequence 465, Appl
39 53 100.0 76 11 US-09-498-272-29 Sequence 29, Appl
40 53 100.0 84 9 US-09-864-761-42841 Sequence 42841, A
41 53 100.0 87 15 US-10-029-840-8 Sequence 8, Appl
42 53 100.0 87 15 US-10-119-235-7 Sequence 7, Appl
43 53 100.0 94 14 US-10-001-957-135 Sequence 135, Appl
44 53 100.0 94 15 US-10-078-090-150 Sequence 150, Appl
45 53 100.0 94 15 US-10-078-090-150 Sequence 150, Appl

ALIGNMENTS

RESULT 1
US-09-331-631A-38
Sequence 38, Application US/09331-631A
Patent No. US20020168392A1

GENERAL INFORMATION:
APPLICANT: Manners, John M.
APPLICANT: Marcus, John Paul
APPLICANT: Goulter, Kenneth C.
APPLICANT: Green, Jodie L.
TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
FILE REFERENCE: CULLN23.C01APC
CURRENT APPLICATION NUMBER: US/09/331-631A
CURRENT FILING DATE: 1999-08-21
PRIOR APPLICATION NUMBER: PCT/AU97/03874
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: AU PO 4275
PRIOR FILING DATE: 1996-12-20
NUMBER OF SEQ ID NOS: 40
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 21
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Consensus sequence for antimicrobial peptides
OTHER INFORMATION: wherein X is any amino acid.

US-09-331-631A-38

Query Match 100.0%; Score 53; DB 10; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1 CXXXCXXXXXXXCCXXC 21

|||||

1 CXXXCXXXXXXXCCXXC 21

RESULT 2

US-10-147-095-38
; Sequence 38, Application US/10147095
; Publication No. US20030171274A1
; GENERAL INFORMATION:
; APPLICANT: Manners, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULLN23.001APC
; CURRENT APPLICATION NUMBER: US/10147095
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: US/09/331.631A
; PRIOR FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PO 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid.
US-10-147-095-38

Query Match 100.0%; Score 53; DB 12; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CXXXCXXXXXXXXXXCXXXC 21
DB 1 CXXXCXXXXXXXXXXCXXXC 21

RESULT 3
US-09-331-631A-32
; Sequence 32, Application US/09331631A
; Patent No. US20020168392A1
; GENERAL INFORMATION:
; APPLICANT: Manners, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULLN23.001APC
; CURRENT APPLICATION NUMBER: US/09/331.631A
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PO 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid.
US-09-331-631A-32

Query Match 100.0%; Score 53; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CXXXCXXXXXXXXXXCXXXC 21
DB 4 CXXXCXXXXXXXXXXCXXXC 24

RESULT 4
US-09-331-631A-35
; Sequence 35, Application US/09331631A
; Patent No. US20020168392A1
; GENERAL INFORMATION:
; APPLICANT: Manners, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULLN23.001APC
; CURRENT APPLICATION NUMBER: US/09/331.631A
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PO 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 35
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid and the first and last
; OTHER INFORMATION: X are phenylalanine or Tyrosine.
US-09-331-631A-35

Query Match 100.0%; Score 53; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CXXXCXXXXXXXXXXCXXXC 21
DB 4 CXXXCXXXXXXXXXXCXXXC 24

RESULT 5
US-10-147-095-32
; Sequence 32, Application US/10147095
; Publication No. US20030171274A1
; GENERAL INFORMATION:
; APPLICANT: Manners, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Jodie L.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE REFERENCE: CULLN23.001APC
; CURRENT APPLICATION NUMBER: US/10147095
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: US/09/331.631A
; PRIOR FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PO 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 32
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid.
US-10-147-095-32

Query Match 100.0%; Score 53; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

PRIOR APPLICATION DATA: 09/201,931
APPLICATION NUMBER: 09/201,931
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 118-5
REFERENCE/DOCKET NUMBER: P-IM 2442
TELECOMMUNICATION INFORMATION:


```

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 611
; LENGTH: 43
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe.
US-10-184-644-61:

Query Match      100.0%; Score 53; DB 15; Length 43;
Best Local Similarity 19.0%; pred. No. 2.9e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

CY      1 CXXXCXXXXXXXCXXC 21
       |:::|:::|:::|:::|
DB      11 CGCCAGTAAATGACCTGC 31

Search completed: October 27, 2003, 16:12:12
Job time : 46.4419 secs

```

Respt No.	Score	Query		DB	ID	Description
		Match	%			
1	53	100.0	24	1	US-06-C36-555B-41	Sequence 41, Appl
2	53	100.0	24	1	US-08-469-569-41	Sequence 41, Appl
3	53	100.0	24	1	US-08-249-322A-41	Sequence 41, Appl
4	53	100.0	24	1	US-09-469-526A-41	Sequence 41, Appl
5	53	100.0	24	2	US-08-734-591A-41	Sequence 41, Appl
6	53	100.0	24	2	US-08-469-660-41	Sequence 41, Appl
7	53	100.0	24	3	US-08-735-021-41	Sequence 41, Appl
8	53	100.0	24	3	US-08-734-664A-41	Sequence 41, Appl
9	53	100.0	24	5	PCT-US94-05083C-41	Sequence 41, Appl
10	53	100.0	24	5	PCT-US95-06846A-41	Sequence 41, Appl
11	53	100.0	38	2	US-08-532-516-47	Sequence 47, Appl
12	53	100.0	38	4	US-09-847-185-47	Sequence 47, Appl
13	53	100.0	40	4	US-07-757-022B-8	Sequence 8, Appl
14	53	100.0	40	4	US-07-757-022B-6	Sequence 6, Appl
15	53	100.0	45	1	US-08-451-947-97	Sequence 97, Appl
16	53	100.0	45	2	US-08-424-826A-97	Sequence 97, Appl
17	53	100.0	45	3	US-08-928-694-97	Sequence 97, Appl
18	53	100.0	45	4	US-08-900-230-12	Sequence 12, Appl
19	53	100.0	45	4	US-08-900-230-14	Sequence 14, Appl
20	53	100.0	45	4	US-08-450-842-97	Sequence 97, Appl
21	53	100.0	45	4	US-08-451-390-97	Sequence 97, Appl
22	53	100.0	45	5	PCT-US91-06950-97	Sequence 97, Appl
23	53	100.0	47	1	US-08-451-947-93	Sequence 93, Appl
24	53	100.0	47	1	US-08-451-947-94	Sequence 94, Appl
25	53	100.0	47	1	US-08-451-947-95	Sequence 95, Appl
26	53	100.0	47	1	US-08-451-947-96	Sequence 96, Appl
27	53	100.0	47	2	US-08-424-826A-93	Sequence 93, Appl

Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXCXXXXC 21
 Db 4 CGCTCTTCTTCTGCTTC 24

RESULT 4
 US-08-469-526A-41
 : Sequence 41, Application US/08469526A
 : Patent No. 5792849
 : GENERAL INFORMATION:
 : APPLICANT: Goodearl, Andrew
 : APPLICANT: Stroobant, Paul
 : APPLICANT: Minghetti, Luisa
 : APPLICANT: Waterfield, Michael
 : APPLICANT: Marchionni, Mark
 : APPLICANT: Chen, Maio Su
 : APPLICANT: Hiles, Ian
 : TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
 : PREPARATION AND USE
 : NUMBER OF SEQUENCES: 187
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Clark & Elbing LLP
 : STREET: 176 Federal Street
 : CITY: Boston
 : STATE: MA
 : COUNTRY: USA
 : ZIP: 02110
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Diskette
 : COMPUTER: IBM Compatible
 : OPERATING SYSTEM: DOS
 : SOFTWARE: FastSeq for Windows Version 2.0
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/469,526A
 : FILING DATE: 06 June 1995
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 08/036,555
 : FILING DATE: 24-MAR-1993
 : APPLICATION NUMBER: 07/965,173
 : FILING DATE: 23-OCT-1992
 : APPLICATION NUMBER: 07/940,389
 : FILING DATE: 03-SEP-1992
 : APPLICATION NUMBER: 07/907,138
 : FILING DATE: 03-JUN-1992
 : APPLICATION NUMBER: 07/863,703
 : FILING DATE: 03-APRIL-1992
 : APPLICATION NUMBER: U.K. 9: 07566.3
 : FILING DATE: 10-APR-1991
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Bleker-Brady, Kristina
 : REGISTRATION NUMBER: 39,109
 : REFERENCE/DOCKET NUMBER: 04595/00200A
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 617-428-0200
 : TELEFAX: 617-428-7045
 : INFORMATION FOR SEQ ID NO: 41:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 24
 : TYPE: amino acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : US-08-469-526A-41

Query Match 100.0%; Score 53; DB 1; Length 24;
 Best Local Similarity 19.0%; Pred. No. 78;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXCXXXXC 21
 Db 4 CGCTCTTCTTCTGCTTC 24

RESULT 5
 US-08-734-591A-41
 : Sequence 41, Application US/08734591A
 : Patent No. 5854220
 : GENERAL INFORMATION:
 : APPLICANT: Goodearl, Andrew
 : APPLICANT: Stroobant, Paul
 : APPLICANT: Minghetti, Luisa
 : APPLICANT: Waterfield, Michael
 : APPLICANT: Hiles, Ian
 : APPLICANT: Marchionni, Mark
 : APPLICANT: Chen, Mario
 : TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
 : PREPARATION AND USE
 : NUMBER OF SEQUENCES: 187
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Clark & Elbing LLP
 : STREET: 176 Federal Street
 : CITY: Boston
 : STATE: Massachusetts
 : COUNTRY: U.S.A.
 : ZIP: 02110
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 : COMPUTER: IBM Compatible Pentium
 : OPERATING SYSTEM: Windows95
 : SOFTWARE: WordPerfect (Version 7.0)
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/734,591A
 : FILING DATE: 22-OCT-1996
 : CLASSIFICATION: 536
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 08/470,335
 : FILING DATE: 06-JUN-1995
 : APPLICATION NUMBER: 08/036,555
 : FILING DATE: 03-MAR-1993
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 07/965,173
 : FILING DATE: 23-OCT-1992
 : APPLICATION NUMBER: 07/940,389
 : FILING DATE: 03-SEP-1992
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 07/907,138
 : FILING DATE: 30-JUN-1992
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 07/863,703
 : FILING DATE: 03-APR-1992
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: UK 91 07566.3
 : FILING DATE: 10-APR-1991
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Bleker-Brady, Kristina
 : REGISTRATION NUMBER: 39,109
 : REFERENCE/DOCKET NUMBER: 04595/00200P
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (617) 428-0200
 : TELEFAX: (617) 428-7045
 : TELEX:
 : INFORMATION FOR SEQ ID NO: 41:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 24
 : TYPE: amino acid
 : STRANDEDNESS:
 : TOPOLOGY: linear
 : US-08-734-591A-41

Query Match 100.0%; Score 53; DB 2; Length 24;
 Best Local Similarity 19.0%; Pred. No. 78;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

	Qy	1 CXXXCXXXXXXCXCXCC 21 :: :: :: :: :: ::
	Dd	4 CGCTCCTTCTTGCCCCTC 24

```

1  RESULT 6
2  US-08-469-660-41
3  ; Sequence 41, Application US/08459660
4  ; Patent No. 5876973
5  ; GENERAL INFORMATION:
6  ; APPLICANT: Gwynne, David L.; Marchionni, Mark;
7  ; APPLICANT: McBurney, Robert N.
8  ; TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,
9  ; TITLE OF INVENTION: THEIR PREPARATION AND USE
10 ; NUMBER OF SEQUENCES: 184
11 ; CORRESPONDENCE ADDRESS:
12 ; ADDRESSEE: Fish & Richardson
13 ; STREET: 225 Franklin Street
14 ; CITY: Boston
15 ; STATE: Massachusetts
16 ; ZIP: 02111-2804
17 ; COMPUTER READABLE FORM:
18 ; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
19 ; COMPUTER: IBM
20 ; OPERATING SYSTEM: PC-DOS
21 ; SOFTWARE: Wordperfect
22 ; CURRENT APPLICATION DATA:
23 ; APPLICATION NUMBER: US/08/469,660
24 ; FILING DATE:
25 ; CLASSIFICATION: 435
26 ; PRIOR APPLICATION DATA:
27 ; APPLICATION NUMBER: 08/311,356
28 ; FILING DATE: 29-JAN-1993
29 ; PRIOR APPLICATION DATA:
30 ; APPLICATION NUMBER: 07/984,085
31 ; FILING DATE: 01-DEC-1992
32 ; PRIOR APPLICATION DATA:
33 ; APPLICATION NUMBER: 07/951,747
34 ; FILING DATE: 25-SEP-1992
35 ; PRIOR APPLICATION DATA:
36 ; APPLICATION NUMBER: 07/927,337
37 ; FILING DATE: 10-JUG-1992
38 ; ATTORNEY/AGENT INFORMATION:
39 ; NAME: Clark, Paul L.
40 ; REGISTRATION NUMBER: 30,162
41 ; REFERENCE/DOCKET NUMBER: 04585/317004
42 ; TELECOMMUNICATION INFORMATION:
43 ; TELEPHONE: (617) 542-5070
44 ; TELEFAX: 200154
45 ; INFORMATION FOR SEQ ID NO: 41:
46 ; SEQUENCE CHARACTERISTICS:
47 ; LENGTH: 24
48 ; TYPE: amino acid
49 ; STRANDEDNESS:
50 ; TOPOLOGY: linear
51 ; US-08-469-660-41

```

```

/ APPLICANT: STROOBANT, PAUL
/ APPLICANT: MINIHETTI, LUISA
/ APPLICANT: WATERFIELD, MICHAEL
/ APPLICANT: VARCHIONNI, MARK
/ APPLICANT: CHEN, MARIO S.
/ APPLICANT: HILES, IAN
/ TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
/ TITLE OF INVENTION: PREPARATION AND USE
/ FILE REFERENCE: 04585/00200L
/ CURRENT APPLICATION NUMBER: US/08/735,021B
/ CURRENT FILING DATE: 1995-10-22
/ EARLIER APPLICATION NUMBER: 08/472,065
/ EARLIER FILING DATE: 1995-06-06
/ EARLIER APPLICATION NUMBER: 08/036,555
/ EARLIER FILING DATE: 1993-03-24
/ EARLIER APPLICATION NUMBER: 07/965,173
/ EARLIER FILING DATE: 1992-10-23
/ EARLIER APPLICATION NUMBER: 07/940,389
/ EARLIER FILING DATE: 1992-09-03
/ EARLIER APPLICATION NUMBER: 07/907,138
/ EARLIER FILING DATE: 1992-06-30
/ EARLIER APPLICATION NUMBER: 07/863,703
/ EARLIER FILING DATE: 1992-04-03
/ NUMBER OF SEQ ID NOS: 192
/ SOFTWARE: Fast-Seq for Windows Version: 3.0
/ SEQ ID NO 4:
/ LENGTH: 24
/ TYPE: PRT
/ ORGANISM: Bos taurus
/ PS-08-735-021-41

```

```
Query Match      :00.0%; Score 53; DB 3; Length 24;
Best Local Similarity 19.0%; Pred. NO.78;
Matches 4; Conservative 17; Mismatches 3; Indels 0; Gaps 0;
```

Cy 1 CXXCXXXXXXXXXXXXXXXC 21

Dd 4 CGTCCTCTCTTGGCTTC 24

```

1  RESULT 5
2  US-08-734-664A-41
3  : Sequence 41, Application: US/08734664A
4  : Patent No. 6204241
5  : GENERAL INFORMATION:
6  : APPLICANT: Goodearl, Andrew
7  : APPLICANT: Stroobant, Paul
8  : APPLICANT: Mingretti, Luisa
9  : APPLICANT: Waterfield, Michael
10 : APPLICANT: Marchionni, Mark
11 : APPLICANT: Chen, Mario
12 : APPLICANT: Hies, Ian
13 : TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
14 : PREPARATION AND USE
15 : NUMBER OF SEQUENCES: 187
16 : CORRESPONDENCE ADDRESS: 187
17 : ADDRESSEE: Clark & Elbing LLP
18 : STREET: 176 Federal Street
19 : CITY: Boston
20 : STATE: Massachusetts
21 : COUNTRY: U.S.A.
22 : ZIP: 02110
23 : COMPUTER READABLE FORM:
24 : MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
25 : COMPUTER: IBM Compatible Pentium
26 : OPERATING SYSTEM: Windows95
27 : SOFTWARE: FastSeq Version 2.0
28 : CURRENT APPLICATION DATA:
29 : APPLICATION NUMBER: US/08/734,664A
30 : FILING DATE: 22-OCT-1996
31 : CLASSIFICATION: 536
32 : PRIOR APPLICATION DATA:
33 : APPLICATION NUMBER: OS/249,322

```



```

/ FILING DATE: 26-MAY-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/C36,555
/ FILING DATE: 24-MAR-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/565,173
/ FILING DATE: 23-OCT-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/940,393
/ FILING DATE: 03-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/907,138
/ FILING DATE: 30-JUN-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/863,703
/ FILING DATE: 03-APR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: UK 91 07566.3
/ FILING DATE: 10-APR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bleker-Brady, Kristina
/ REGISTRATION NUMBER: 39,109
/ REFERENCE/DOCKET NUMBER: 04585/002003
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 428-0200
/ TELEFAX: (617) 428-7045
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 41:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: linear
/ US-08-734-864A-41

```

```

Query Match 100.0%; Score 53; DB 3; Length 24;
Best Local Similarity 19.0%; Pred.No. 78;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 CXXCXXXXXXXCXXC 21
Db 4 CGTCCCTTCCTTGCCTTC 24

```

```

RESULT 9
PCT-US94-05083C-41
/ Sequence 41, Application PC/TUS9405083C
/ GENERAL INFORMATION:
/ APPLICANT: Robert Sklar, Mark Marchionni,
/ APPLICANT: David I. Gwynne
/ TITLE OF INVENTION: METHODS FOR ALTERING
/ TITLE OF INVENTION: MUSCLE CONDITION
/ NUMBER OF SEQUENCES: 185
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson
/ STREET: 225 Franklin Street
/ CITY: Boston
/ STATE: Massachusetts
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 5.25 inch, 360
/ MEDIUM TYPE: kb storage
/ COMPUTER: IBM
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: Wordperfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/05083C
/ FILING DATE: 06-MAY-94
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/209,204
/ FILING DATE: 08-MAR-94
/ PRIOR APPLICATION DATA:

```

```

/ APPLICATION NUMBER: 09/059,022
/ FILING DATE: 06-MAY-93
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Clark, Paul T.
/ REGISTRATION NUMBER: 30,162
/ REFERENCE/DOCKET NUMBER: 04585/028W01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 41:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: linear
/ PCT-US94-05083C-41

```

```

Query Match 100.0%; Score 53; DB 5; Length 24;
Best Local Similarity 19.0%; Pred.No. 78;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 CXXCXXXXXXXCXXC 21
Db 4 CGTCCCTTCCTTGCCTTC 24

```

```

RESULT 10
PCT-US95-06846A-41
/ Sequence 41, Application PC/TUS9506846A
/ GENERAL INFORMATION:
/ APPLICANT: Goodearl, Andrew David; Stroobant, Paul;
/ APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
/ APPLICANT: Chen, Maio Su; Hiles, Ian
/ TITLE OF INVENTION: Glial Mitogenic Factors, Their
/ TITLE OF INVENTION: Preparation and Use
/ NUMBER OF SEQUENCES: 178
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Felfe & Lytch
/ STREET: 805 Third Avenue
/ CITY: New York City
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10022
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
/ COMPUTER: IBM
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: Wordperfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US95/06846A
/ FILING DATE: 25-MAY-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/249,322
/ FILING DATE: 26-MAY-1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/036,555
/ FILING DATE: 24-MAY-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/965,173
/ FILING DATE: 23-OCT-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/940,389
/ FILING DATE: 03-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/907,138
/ FILING DATE: 30-JUN-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/863,703
/ FILING DATE: 03-APRIL-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: U.K. 91 07566.3

```

```

; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, Norman D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5250.5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; PCT-US95-06846A-4:
;
; Query Match 100.0%; Score 53; DB 5; Length 24;
; Best Local Similarity 19.0%; Pred. No. 78;
; Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXCXXXC 21
; Db 4 CGCTCCTCTCTGCGCTTC 24
;
; RESULT 11
; US-08-902-516-47
; Sequence 47, Application US/58902516
; Patent No. 5891432
; GENERAL INFORMATION:
; APPLICANT: Soo Hoo, William
; TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
; TITLE OF INVENTION: COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
; RESPONSE USING SAME
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL & FLORES, LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/902,516
; FILING DATE: 29-JUL-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 2442
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-8949
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-902-516-47
;
; Query Match 100.0%; Score 53; DB 2; Length 38;
; Best Local Similarity 19.0%; Pred. No. 1.2e+02;
; Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXCXXXC 21
; Db 12 CTAGACCCCGCTCACC 32
;
; RESULT 13
; US-07-757-022B-8
; Sequence 8, Application US/07757022B
; Patent No. 6433142
; GENERAL INFORMATION:
; APPLICANT: Gesner, Thomas G.
; APPLICANT: Clark, Stephen C.
; APPLICANT: Turner, Katherine
; APPLICANT: Hewick, Rodney M.
; TITLE OF INVENTION: Megakaryocyte Stimulating Factors
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: U.S.A.
;
; Query Match 100.0%; Score 53; DB 5; Length 24;
; Best Local Similarity 19.0%; Pred. No. 78;
; Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXCXXXC 21
; Db 12 CTAGACCCCGCTCACC 32
;
; RESULT 12
; US-09-847-185-47
; Sequence 47, Application US/09847185
; Patent No. 6482407
; GENERAL INFORMATION:
; APPLICANT: Soo Hoo, William
; TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
; TITLE OF INVENTION: COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
; RESPONSE USING SAME
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL & FLORES, LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/847,185
; FILING DATE: 01-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/201,931
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 2442
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-8949
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-847-185-47
;
; Query Match 100.0%; Score 53; DB 4; Length 38;
; Best Local Similarity 19.0%; Pred. No. 1.2e+02;
; Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1 CXXXCXXXXXXXCXXXC 21
; Db 12 CTAGACCCCGCTCACC 32
;
; RESULT 13
; US-07-757-022B-8
; Sequence 8, Application US/07757022B
; Patent No. 6433142
; GENERAL INFORMATION:
; APPLICANT: Gesner, Thomas G.
; APPLICANT: Clark, Stephen C.
; APPLICANT: Turner, Katherine
; APPLICANT: Hewick, Rodney M.
; TITLE OF INVENTION: Megakaryocyte Stimulating Factors
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: U.S.A.
;
```

```

;
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/757,022B
; FILING DATE: 19910910
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/643,502
; FILING DATE: 18-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/546,114
; FILING DATE: 29-JUN-1990
; APPLICATION NUMBER: US 07/390,901
; FILING DATE: 08-AUG-1989
; NAME: Cserr, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: G: 5190
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)876-1170
; TELEFAX: (617)876-5851
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-757-022B-8

Query Match 100.0%; Score 53; DB 4; Length 40;
Best Local Similarity 19.0%; Pred. No. 1.2e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXCCCCXXC 21
Db 4 CKGRCFESFERGDCDQCC 24

RESULT 14
US-07-757-022B-6
; Sequence 6, Application US/07/757022B
; Patent No. 6433142
; GENERAL INFORMATION:
; APPLICANT: Gesner, Thomas G.
; APPLICANT: Clark, Stephen C.
; APPLICANT: Turner, Katherine
; APPLICANT: Hewick, Rodney M.
; TITLE OF INVENTION: Megakaryocyte Stimulating Factors
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/757,022B
; FILING DATE: 19910910
; CLASSIFICATION: 530

```

```

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/643,502
; FILING DATE: 18-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/546,114
; FILING DATE: 29-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/457,196
; FILING DATE: 29-DEC-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/390,901
; FILING DATE: 08-AUG-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Cserr, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: G: 5190
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)876-1170
; TELEFAX: (617)876-5851
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-757-022B-6

Query Match 100.0%; Score 53; DB 4; Length 41;
Best Local Similarity 19.0%; Pred. No. 1.3e-02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXCCCCXXC 21
Db 5 CAGRCGYSRDATCNCYNC 25

RESULT 15
US-08-451-947-97
; Sequence 97, Application US/08451947
; Patent No. 5702906
; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; APPLICANT: ROSENTHAL, ARNON
; TITLE OF INVENTION: NOVEL NEUTROTROPHIC FACTOR
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,947
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 05/426419
; FILING DATE: 19-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/030013
; FILING DATE: 22-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/648482
; FILING DATE: 31-JAN
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/587707
; FILING DATE: 1991

```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Toichia, Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: 666P2C1D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 913/371-7168
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 45 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;
US-08-451-347-97

Query Match: 100.0%; Score 53; DB 1; Length 45;
Best Local Similarity 19.0%; Pred. No. 1.4e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Caps 0;
```

```
QY 1 CXXXCXXXXXXXCXXC 21
Db 20 CACACGAGGAGTCTATC 4C
```

Search completed: October 27, 2003, 16:04:00
Job time : 15.1628 secs

```

> O <
O. |O| Intelligenetics
> O <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "cys-iss" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.
Selected sequence key from "new.key":
cys (AA) ID cys AA preliminary pattern
followed by
1 c
2 any character except c
2 any character except c
2 any character except c
2 c
2 any character except c from 11 to 12 times
2 c
2 any character except c
2 any character except c
2 any character except c
2 c
2 any character except c
2 c

Selected data banks and files:
Data bank : Issued_AA , all entries

-- Output Parameters --

Format Options:
Nucleic acid code matching Exact Indirect file No
Find non-matching hits only No Sequence or key file No
Report key used Yes List of hits Yes
Note position of hit Yes Hit display Yes
Display full annotations Yes Name and annotations Yes
Sequence context 10

-- Run Parameters --

Run mode Batch
Time to start comparison now
Notify at end of run No

-----
1 match found in sequence:
US-07-626-618A-17 ; Sequence 17, Application US/07626618A
(from "/srch/iaa/SA_COMB.pep")
Sequence 17, Application US/07626618A
Patent No. 6422265
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.W.
ATTORNEY/AGENT INFORMATION:
NAME: Civealli, Olivier
TITLE OF INVENTION: A No. 5422265el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/626.618A
FILING DATE: 7 DEC 1990

```

```

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5422265nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
Found using 'cys' (new.key)
...

248 PPAPRLPDQPCGDCAPPAFCGLPFCGSSNCAPFDVAAAA
258
278

-----
1 match found in sequence:
US-08-086-439C-3 ; Sequence 3, Application: US/08086439C
(from "/srch/iaa/SA_COMB.pep")
Sequence 3, Application US/08086439C
Patent No. 5468615
GENERAL INFORMATION:
APPLICANT: Chio, Christopher L.
APPLICANT: Huff, Rita M.
TITLE OF INVENTION: A Synthetic Gene for D4 Dopamine
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Upjohn Company, Corp. Intellectual
ADDRESSEE: Property Law
STREET: 301 Henrietta Street
CITY: Kalamazoo
STATE: Michigan
COUNTRY: USA
ZIP: 49001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,439C
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Daznley Jr., James D.
REGISTRATION NUMBER: 33,673
REFERENCE/DOCKET NUMBER: 4700
TELECOMMUNICATION INFORMATION:
TELEPHONE: 616-385-5210
TELEFAX: 616-385-6897
TELEX: 224401
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
Found using 'cys' (new.key)
...

```

248 PPAPRLPQDCGPDCAAPPAGLPPDCGNSCAPPAVRAAA
258
-----|-----|
278

1 match found in sequence:
US-08-103-739B-2 ; Sequence 2, Application US/08103739B
(from "/srch/iaa/5A.COMB.pep")
Sequence 2, Application US/08103739B
Patent No. 5478369
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, Marc C.
APPLICANT: BEACH, Larry R.
APPLICANT: HOWARD, John A.
APPLICANT: HUFFMAN, Gary A.
TITLE OF INVENTION: DNA Sequences Mediating Male Fertility
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer Hi-Bred International, Inc.
STREET: 700 Capital Square, 400 Locust Street
CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DCS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/103,739B
FILING DATE: 02-AUG-1993
CLASSIFICATION: 800

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,183
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patricia A.
REGISTRATION NUMBER: 32,733
REFERENCE/DOCKET NUMBER: 0125R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (515) 248 4897
TELEFAX: (515) 248-4844
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 473 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using 'cys' (new.key)

420 EDXPXSMFLPQCLLCVRLXMSNAVTGCLNVQWQ:GIIMDR
430
-----|-----|
450

1 match found in sequence:
US-08-056-051-2 ; Sequence 2, Application US/08056051
(from "/srch/iaa/5A.COMB.pep")
Sequence 2, Application US/08056051
Patent No. 5516683
GENERAL INFORMATION:
APPLICANT: Grandy, David K
APPLICANT: Bunzow, James R
APPLICANT: Civelli, Olivier
ATTORNEY/AGENT INFORMATION:
NAME: Van Tol, Hubert H.-M.

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,051
FILING DATE: 19930429
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: No. 5516683nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'cys' (new.key)

248 PPAPRLPQDCGPDCAAPPAGLPPDCGNSCAPPAVRAAA
258
-----|-----|
278

3 matches found in sequence:
US-08-056-051-4 ; Sequence 4, Application US/08056051
(from "/srch/iaa/5A.COMB.pep")
Sequence 4, Application US/08056051
Patent No. 5516683
GENERAL INFORMATION:
APPLICANT: Grandy, David K
APPLICANT: Bunzow, James R
APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.-M.
TITLE OF INVENTION: A No. 5516683el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/056,051
FILING DATE: 19930429
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5516683nan, Kevin E